



February 3, 2021

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

**Re: Response to Review Comments
Proposed Starbucks
944 South Main Street
Cheshire, Connecticut
SLR #141.17378.00001.0040**

Dear Mr. Nolte,

SLR International Corporation is in receipt of a letter from Denise P. Lord of Anchor Engineering Services, Inc. dated January 22, 2021, regarding the above-referenced project. We offer the following responses to the comments contained therein:

- C1. The Zone AE floodplain boundary line should be shown on the plans based on the flood elevation information available from FEMA. Based on the FEMA flood profile for Mill River, it appears that the 100 year flood elevation for the parcel is approximately 155.5+/- . The Floodplain Analysis should include all fill proposed within the site up to the existing elevation of 155.5. The Analysis should also include the existing and proposed volume computations and a minimum of two cross sections through the floodplain area showing the existing and proposed sections.
- R1. A floodplain analysis has been conducted for the site with the 100-year Federal Emergency Management Agency (FEMA) floodplain at approximately elevation 155.5. The proposed site has been modified to accommodate FEMA floodplain storage volume below elevation 155.5 to match or exceed existing FEMA floodplain storage on site. Please refer to site plans for cross sections and volume calculations.**
- C2. The stormwater basin detail includes a 3:1 slope but the grading shown includes 1:1 slopes. Please revise the grading and the volume computations accordingly.
- R2. The plans and details have been modified accordingly.**

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C3. It is recommended that a guide rail system be installed at the driveway edge along the proposed basin and the retaining wall.

R3. A guide rail system is proposed along the driveway edge on the proposed retaining wall.

Should you have any questions, please feel free to contact me at 203-271-1773.

Sincerely,

SLR International Corporation

A handwritten signature in blue ink, appearing to read "Darin L. Overton". The signature is fluid and cursive, with a large initial "D" and "O".

Darin L. Overton, PE
Principal Civil Engineer

Enclosure

17378.00001.0040.f121.ltr.dotx