QUINN ENGINEERING, INC.

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MEMORANDUM

To: Alaa Abusalah Date: 3/7/2022

From: Kevin Quinn

Re: Skyview Estates, Telephone Conference on Outstanding Engineering

Items

On this date Michael Malynowski (MM) and I (KQ) held a telephone conference to discuss remaining unresolved comments from my letters addressed to Leicester Planning Board dated 2/12/2022 and to Leicester Zoning Board of Appeals dated 3/2/2022. Below is a summary of the outcome of our discussion. The numbers below refer to the comment number, as found in the respective letter:

Pertaining to the letter of 2/12/2022 addressed to Leicester Planning Board:

- Comments 3, a & 17: Per MM, on Sheet C-001, 12' x 12' decks are called out. In some locations, conflict with rear yard setbacks may make decks impossible to build. Comment "Resolved".
- Comment 3, f: Plans will be revised to include coach lamp post detail and luminaire. Also MM will address site lighting intensity. Plans will include a street light at the intersection with Main Street.
- Comment 10: Plans will be revised to include subdrains in locations where road will be constructed within cuts.

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- Comments 11 & 27: MM will request test pit requirement be made a condition of approval. KQ will recommend that if LPB wishes to consider a condition for test pits, they be required within a reasonable time frame. The design of dry wells is dependent on groundwater conditions, which will be determined when the test pits are conducted. The drywell design should also be subject to the same timeline as the test pits themselves.
- Comment 19: In the absence of a slope stability analysis by a geotechnical engineer, "No Further Comment" will stand.
- Comment 21: Plans will be revised to call for drain to enter drain manhole at Colonial Drive, with new catch basin. Drains on Main Street are under the control of Massachusetts Department of Transportation, however, MassDOT will almost certainly prohibit drains from entering catch basins.
- **Comment 22**: Plans will be revised to require buoyancy calculations submitted to Leicester Planning Board for review and approval, prior to installation.
- **Comment 34**: Plans will be revised to depict a future drainage easement, where drains pass over Lot 2, which will become private property.
- Comment 36: Plans will be revised to meet standard for removal of 80% of Total Suspended Solids, as required under Massachusetts Stormwater Management Policy.
- Comment 38: Plans have been revised to require that the Retain-It structure located under the Emergency Access Road is designed to sustain HS-20 traffic loads.

Pertaining to the letter to Leicester Zoning Board of Appeals, dated March 2, 2022:

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• MM will address compliance with the stormwater recharge standard, as enumerated in §7.1.04, 2, a, within the area designated at Water Resources Protection Overlay District.