

August 11, 2020

TO: BURLINGTON DEVELOPMENT REVIEW BOARD

Re: Burton Hub: **Requests for Data**

Ladies and Gentlemen:

On behalf of CRZ Group, and in anticipation of the continued hearing scheduled for August 18, 2020 in the captioned matter, we make the following observations and requests:

1. Requests based on the comments of Gregory Tocci in his letter of August 3, 2020. In his letter, Mr. Tocci, whose credentials are beyond cavil, pointed out, among other things, that even allowing for its assumptions, **the RSG noise analysis incorrectly calculated outdoor lounge noise at 88 dBA instead of 97 dBA.** See (Tocci, page 2.) In terms of sound perception, the corrected figure is almost twice as loud. (See RSG Noise Assessment at page 20, which states that loudness doubles with each 10 decibel increase in metered sound.) Tocci also notes: “Without the Cadna model input file, it is not possible to evaluate parking lot sound power levels through the available traffic sound standards in Cadna. The Cadna parking lot sound computational standards do not include sound associated with crowds arriving at or departing from music events.” Id. Tocci also notes that an adequate review of interior and rooftop sound requires more detailed plans for the building rehab and the manufacturer’s technical data for the roof-top air-handling devices. Id. Accordingly, for Tocci’s use, CRZ Group requests that the DRB require the applicant to make timely delivery (in time for analysis before the August 18 hearing), of the following materials:
  - The Cadna model input file used by RSG in arriving at its findings and conclusions.
  - The manufacturers’ technical data for the rooftop air handling equipment discussed in the RSG Noise Assessment.
  - Wall and roof sections for the concert venue and a description of how sound isolation performance has been determined.
2. As also noted by Tocci, accurate determination of “the existing residual sound level” is important in determining the impact of the new sound sources. (Tocci, page 1-2.) Please require the applicant to make timely delivery of the raw data (if any) used by RSG in determining ambient sound levels for the area surrounding the new concert venue, including, without limitation, the monitoring date(s).
3. CRZ again asks that the DRB require the applicant to produce all of the raw data

underlying RSG's monitoring exercise at the existing Higher Ground facility in South Burlington, including, without limitation, (a) the date(s) of the monitoring exercise, (b) the number of persons in attendance, (c) the identity of the performers, (d) the time span during which the monitoring took place, and (e) all results as registered on the monitoring equipment. In light of the questionable reliability of RSG's report of the outdoor lounge noise (as noted above), it is reasonable and necessary to allow a review and attempted retrace of the data and process RSG relied upon for its foundational premises.

Respectfully submitted,

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