Dear ALRC Review Committee,

I am writing on behalf of friends living near the Plan B Night Club at 924 Williamson Street. I have not visited the club, but I have overheard the music pumping while visiting the residential neighborhoods nearby.

We need more great dance clubs in Madison, like Plan B, but unfortunately situating this sort of club in a residential neighborhood with young families is problematic, since the deep bass notes travel easily through walls and throughout the neighborhood late into the night.

Low frequency sound waves propagate more readily than high frequency waves. This is due to the fact that sound waves with shorter wavelengths (higher frequencies) are more easily absorbed by air molecules and solid structures. Therefore, it is important to adequately to soundproof the Plan B building to eliminate the leakage of low, bass frequencies to the surrounding neighborhood.

Sincerely,

Robert Nowak

McFarland-Bascom Professor in Engineering Department of Electrical and Computer Engineering University of Wisconsin-Madison