POLYSONICS CORP.
ACOUSTICAL & COMMUNICATIONS CONSULTING

5115 MacArthur Blvd. NW Washington, DC 20016
V: (202) 244-7171 F: (202) 244-7479 1-800-368-7172
www.polysonics-corp.com

ESTABLISHED 1958

ACOUSTICS & VIBRATION

AUDIO-VISUAL

TECHNICAL SYSTEMS

10 March 2000

Mr. Chris Graee
KressCox Associates, PC
2909 M Street, NW
Washington, DC 20016

Shrine of the Most Blessed Sacrament
Noise Issue

Dear Mr. Graee,

Polysonics has been retained to review the drawings and correspondence pertaining to the noise issue generated from Roach Hall at the Shrine of the Most Blessed Sacrament. Polysonics is a Washington DC professional corporation providing noise control services in Washington DC since 1958. We have provided these types of services in several hundred instances. Incidentally, I grew up on Cummings Lane off Western Ave, one mile from the church and know the area intimately. I have worked at Polysonics for over 25 years.

I understand that amplified music and voices, crowd noises and ball bouncing emanating from Roach Center at nighttime is a disturbance to the neighbors. I also know from examination that the building exterior walls are masonry and the roof is quite solid and should contain the noise, the problem is the amount of noise generated in the multipurpose room and the relatively leaky condition of the windows facing towards the neighbors. This condition may be abated by improving the seal of the windows to the frames with gaskets and providing adequate temperature control to assure the windows will be closed. The church will be replacing the HVAC systems and can commit to air conditioning in the summer and good temperature control in the winter to prevent the need for opening the windows in addition to good gaskets and a policy of keeping the windows closed with appropriate signs. In addition, the Church can commit to shutters on the inside over the windows to act as a secondary noise seal. Curtains over the windows will reduce the reverberant condition in the multipurpose room and will also discourage a cacophony of noise. Finally, a policy of awareness and sensitivity to the neighbors is appropriate and should be implemented as school policy. These acts should reduce noise emissions by half, providing significant noise abatement.

I look forward to working with you to design and specify these acoustic mitigation measures.

Sincerely,

George Spano
Principal Consultant

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BZA
Case No. 16561
Exhibit No. 34

Board of Zoning Adjustment
District of Columbia
CASE NO.16561
EXHIBIT NO.34