

## **BREADTH PROPOSAL II**

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### **ACOUSTICAL BREADTH**

I will complete a reverberation time and STC analysis for both the Music Café and Multi-purpose rooms. These spaces are critical acoustically because of the intent to use them for small performances. The reverberation time in these spaces will be important to their success. Both spaces are also located in close proximity to the main lobby and main theatre. Because multiple events may occur at the same time, keeping sound isolated will be important. In other words, a high STC value is critical.

After analyzing these values for both spaces I will determine if changes are necessary. If changes are required, I will select new products that can be used and design a layout to optimize acoustical performance.

### **ARCHITECTURE**

I will investigate and design the addition of a rooftop terrace/gathering space for the facility. This will involve a code analysis, design analysis, and a determination of the effect on other building systems. The final product will include design documentation and renderings.