

Research the literature, and select a building that is used as a “place for listening.” No two people may use the same building. Also, you may NOT use any of the examples used in lectures for this course. Examples include the following:

1. Performing Arts Center
2. Opera House
3. Concert Hall
4. Broadway Theatre
5. Auditorium/lecture hall
6. Cathedral/church
7. Open-air amphitheatre

REQUIRED: Prepare a written narrative report of the building paying **very particular detail to the acoustics**. Your paper MUST be single-spaced word-processed and contain at least 3 different “referenced” photos and/or graphics. It is anticipated that it will be at least 3-4 pages in length. Be sure to accurately and meticulously describe (using “referenced” sketches, photos, etc.) the following **acoustic** items:

1. Main purpose of the space, architect & acoustic consultants
2. Acoustical design criteria
3. Building shape for acoustics
4. Innovations used to satisfy the stated design criteria
5. Building materials for enhancement of acoustics
6. Sound reinforcement systems
7. Noise control considerations
8. Acoustical data, i.e., reverberation time
9. Summary – response by project team, audience, public perception, and YOU
10. Bibliographic listing of ALL references used in your report