



Music has proven to be beneficial to students, both academically and socially, as has general arts education. Over the years, the arts have proven to take giant strides when the artists are a part of an environment that encourages collaboration within and between artistic disciplines and social backgrounds. This design strives to create a contemporary and sustainable environment that encourages an enjoyable, collaborative, and educational experience for performance and fine arts students of various backgrounds and nationalities. This includes designing a performance and fine arts educational facility as well as revamping current lodging for campers and staff at the International Music Camp along the United States-Canada border.

# Project Emphasis

Year-round use and
expansion of what is a
traditionally a summer camp
(used three months out of the
year)

Education of all ages in both performing and fine arts

Forge future connections between nations and interests in the arts



# Quick things about me

- Minor in Music
  - Ensembles:
    - Marching Band
    - Pep Band
    - University Band
    - Saxophone quartet/quintet
    - Saxophone Choir
    - Lab Jazz
    - Jazz Ensemble
    - Wind Symphony







# Background of the Arts







### Music

Long-term
Improves problem-solving
abilities



### Visual Arts

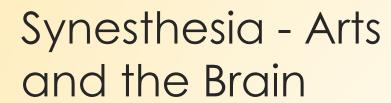
Short-term
Improves cultural understanding and memory



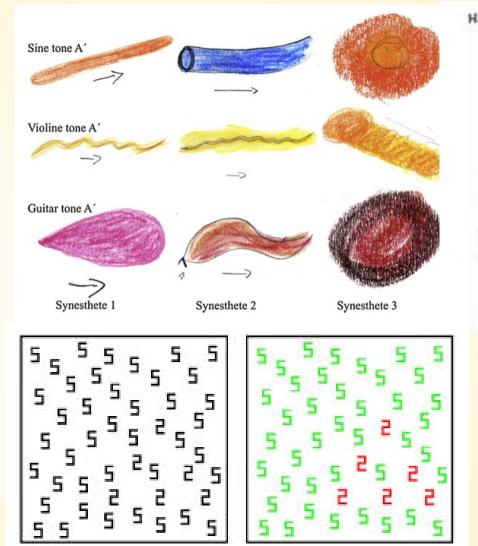
### **Kinesthetic Arts**

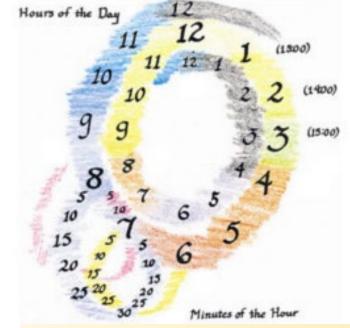
Short and Long-term
Improves emotional
awareness and overall
performance in other fields

### Effects of the Arts



- Color
- Language
- Taste
- § Music





### Cultural Correlations

### Pitch

- Greeks sharp/heavy
- Bali & Java small/large
- Kisedje of Brazil young/old

### Contour

- Kaluli of Papua New Guinea waterfalls
- Aboriginals –topography

### Time

- West arrow
- Greece & India cycle
- Asia fractured continuum

# Cultural Diversions



Middle East

Ornamentation



India

Emotion



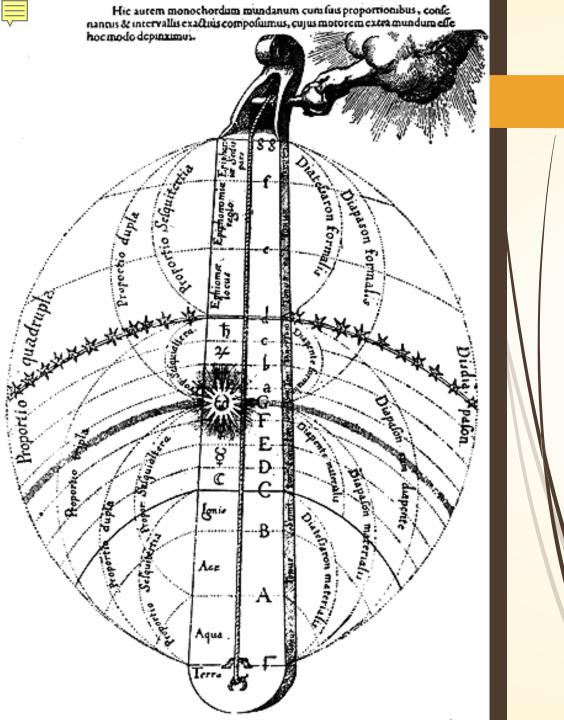
China

Timbre



West

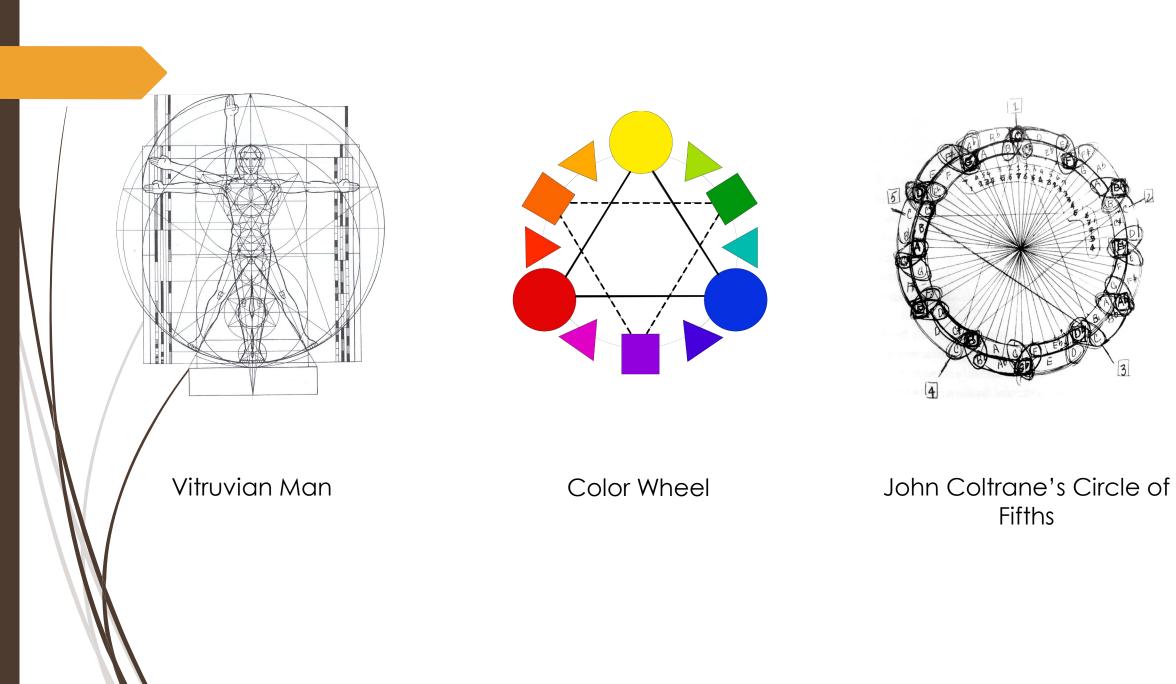
Structure

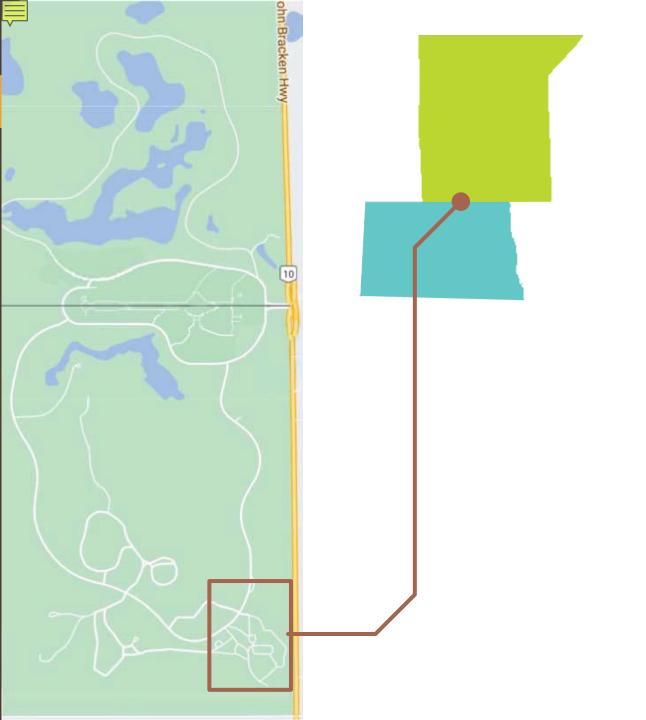


## Ratios

- Octave 2:1
- Fifth 3:2
- Fourth 4:3
- Major third 5:4
- Minor third 5:6
- Minor seventh 5:9
- Major second 8:9

- Major seventh 8:15
- Minor second 15:16
- Unison 1:1
- Tritone 32:45
- 7 notes to a scale
- 12





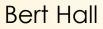
# Site

- Location: International Music Camp Summer School of Fine Arts,
   International Peace Garden, U.S.-Canada Border
- Nearest Town
  - Dunseith, ND
- Population
  - **692**
- Region
  - Turtle Mountains of North Dakota and Manitoba
- Description
  - The International Music Camp (IMC) was chosen as a site due to the programs already in place. It incorporates all ages, all nationalities, and many forms of art, making it an ideal environment for interdisciplinary artistic collaboration. The Peace Garden promotes similar thoughts, encouraging the intermingling of people and ideas. Having the site embodying all these ideas was the main basis for the selection, .











Fine Arts Center



Rehearsal Hall

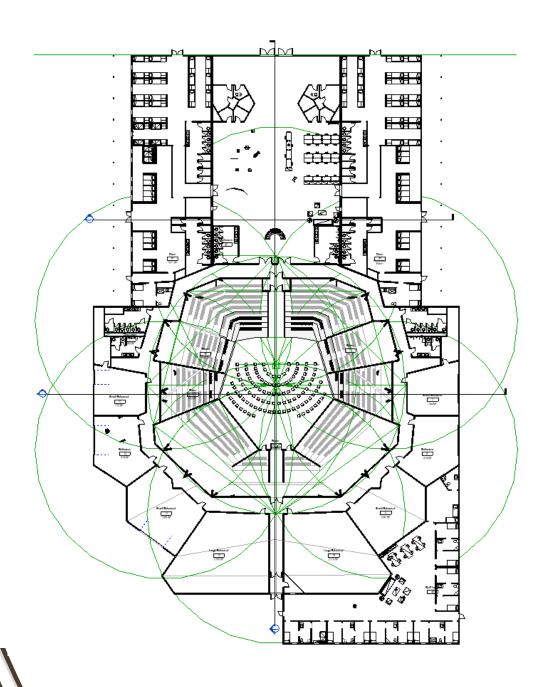


**Burdick Center** 

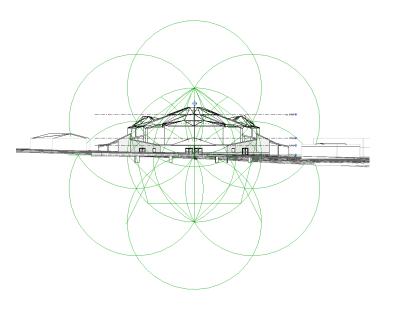
# Current Structures

# Design Solution



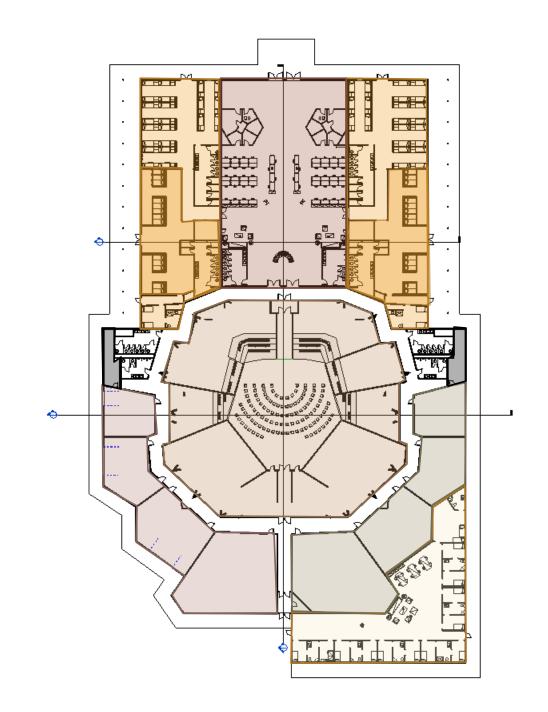


# Auditorium Grid System

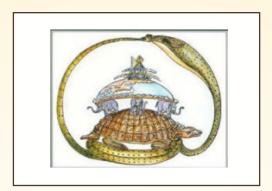


## Floor Plan

- Student Dorms
- Studio/Gallery & Practice Rooms
- Mikinaak Hall
- Rehearsal/Classroom
- Indoor/Outdoor Rehearsal/Classroom
- Staff Lodging



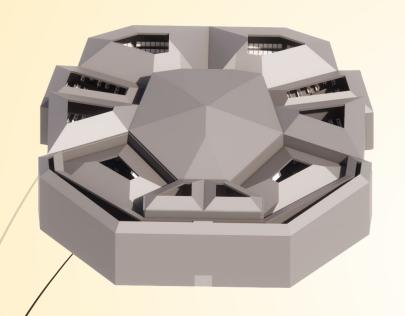
# Turtle Mountain

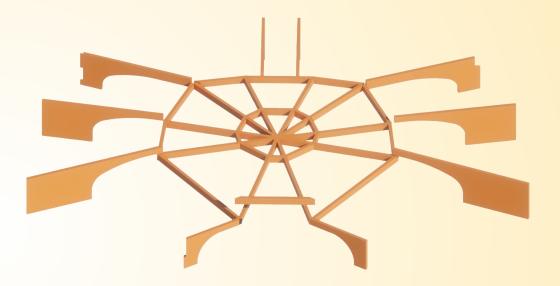












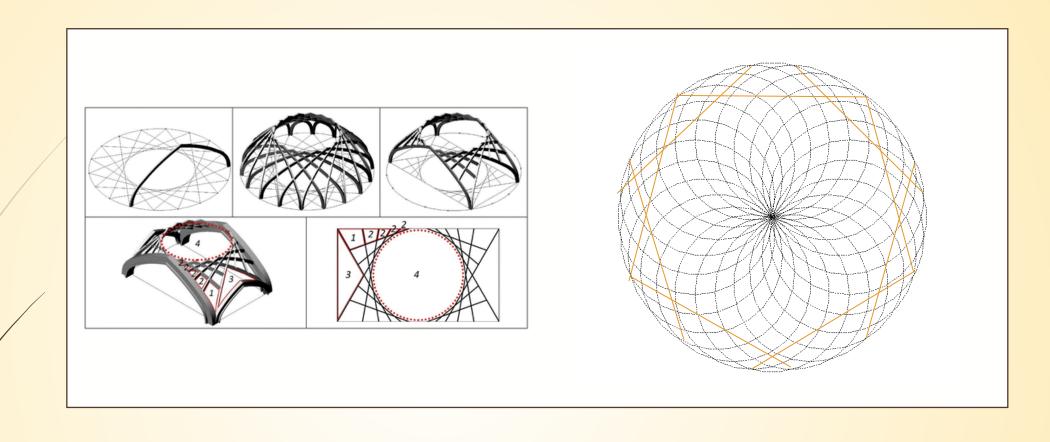
# Structure Ideation

Keystone/Compression Ring



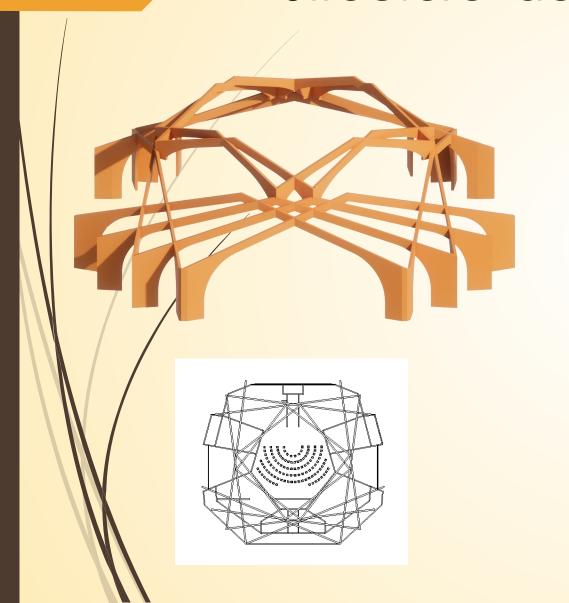
Existing Structure

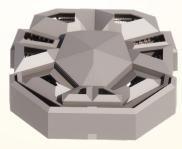




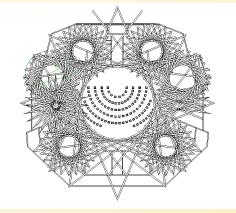
Karbandi

# Structure Ideation



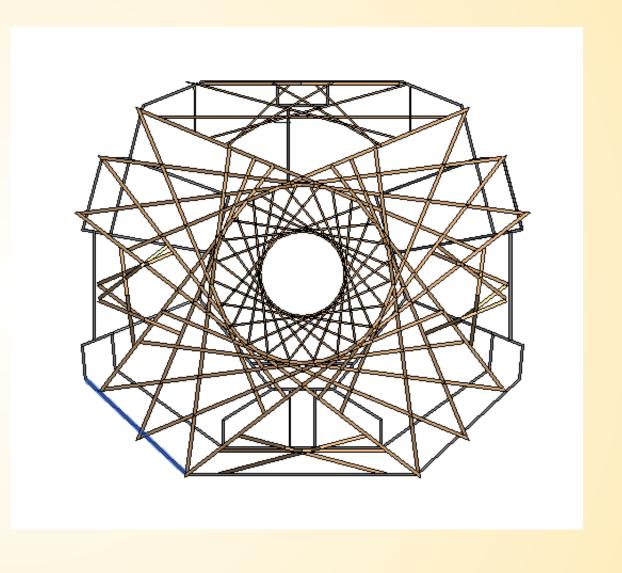


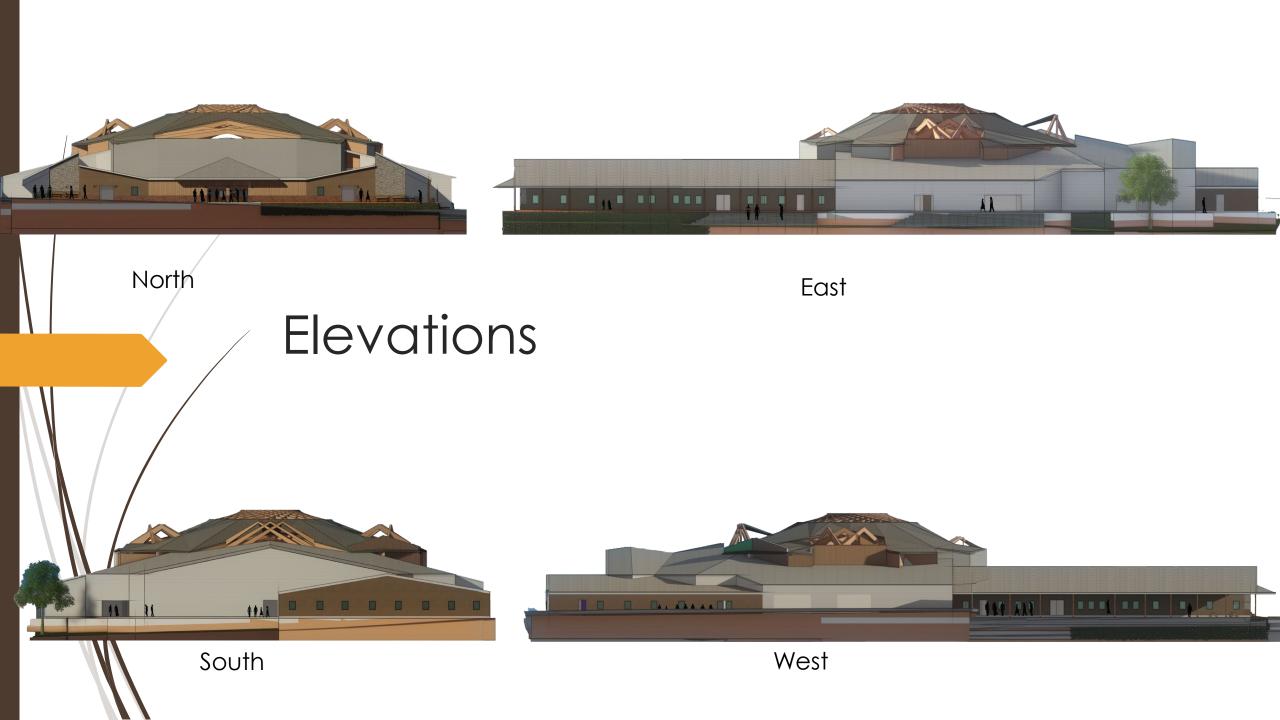




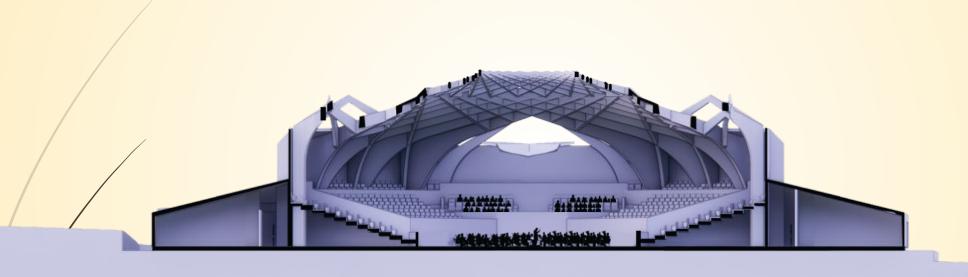
# Final Structure



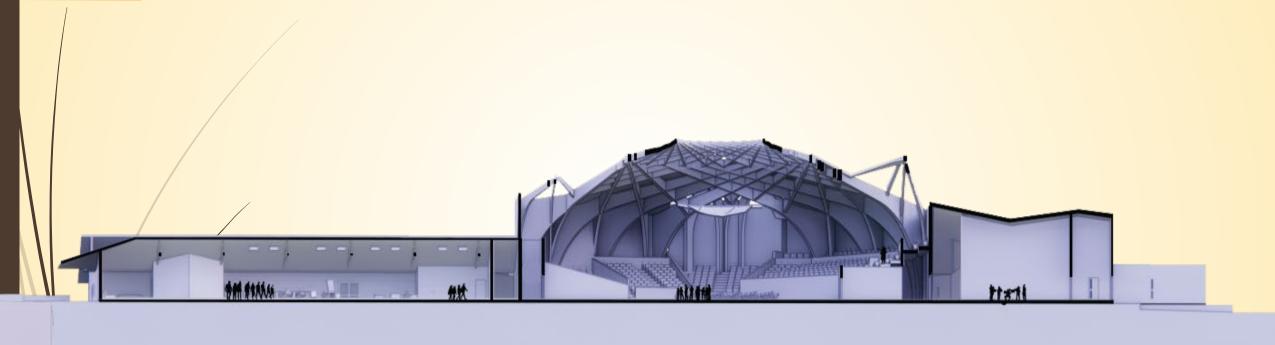




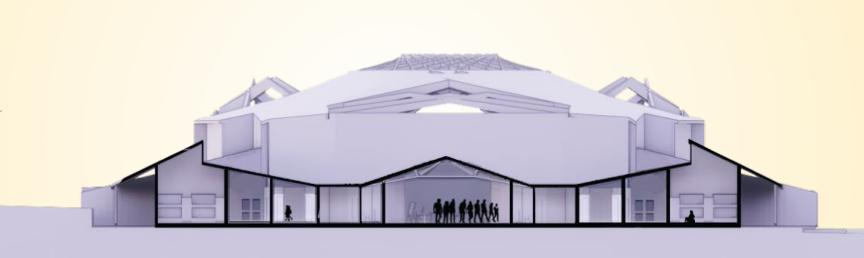
# Auditorium Section

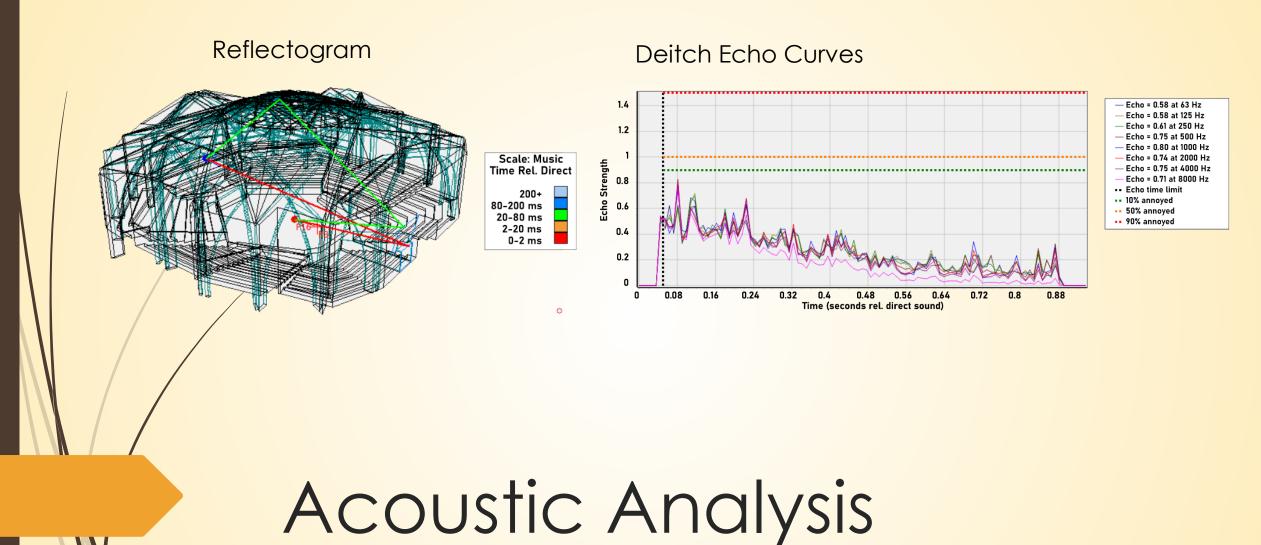


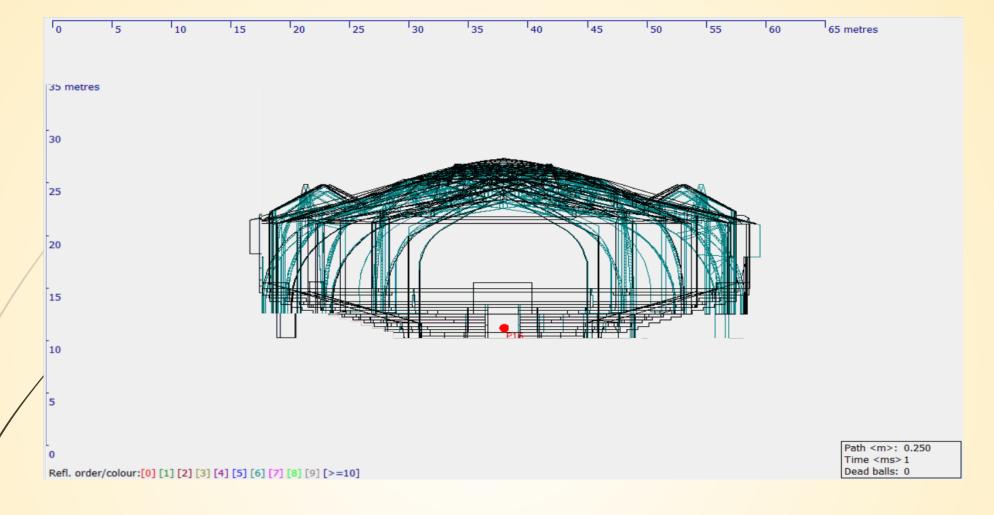
# North-South Section



# East-West Section







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# Renderings





