

John Holten

# ART IN ARCHITECTURE

# Problem Statement

*How do the arts and architecture meet and coherently define a culture?*

- ◎ Theater
- ◎ Study in Architecture
- ◎ Coherent joining through Art

# Statement of Intent

**Typology-** Space for performing arts

**Conclusion-** The culture of a society is not only driven by performing arts and architecture but also reflects its intentions back in a reciprocal relationship.

# User and Client

- ◎ Grand Forks Public School District
- ◎ Red River High School
- ◎ Summer Performing Arts Program (SPA)

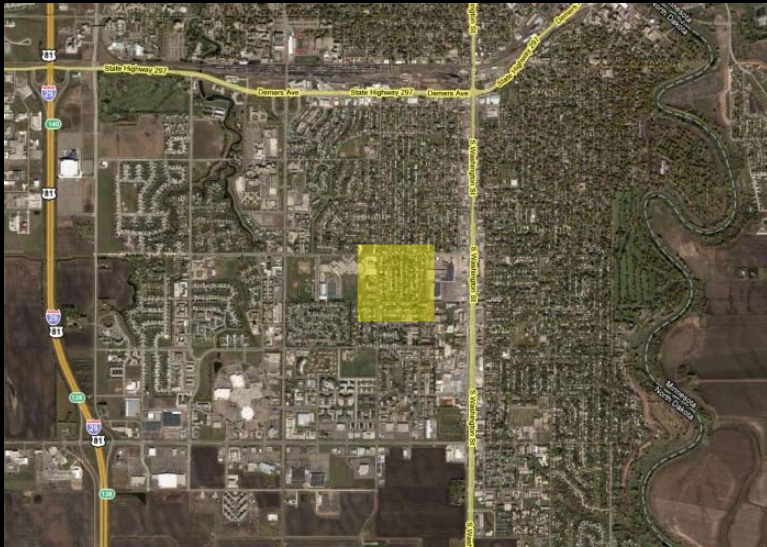


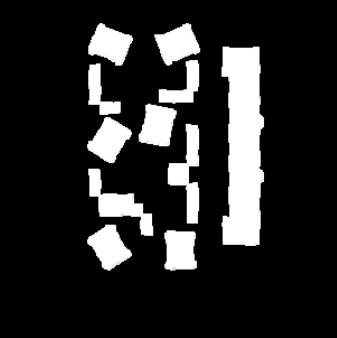
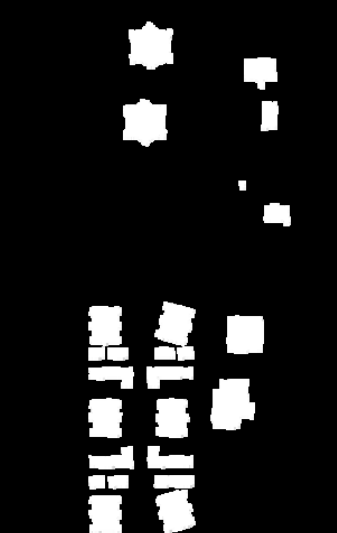
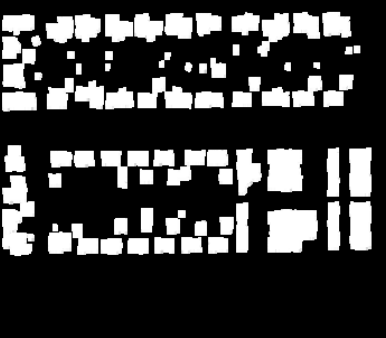
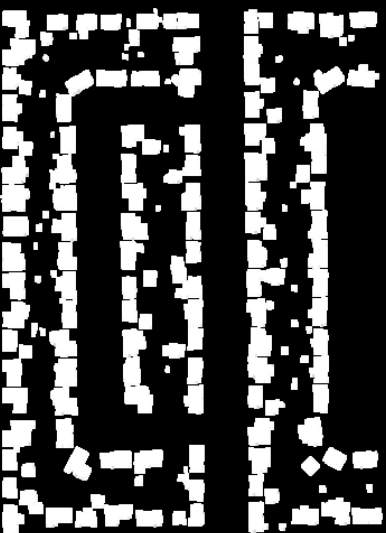
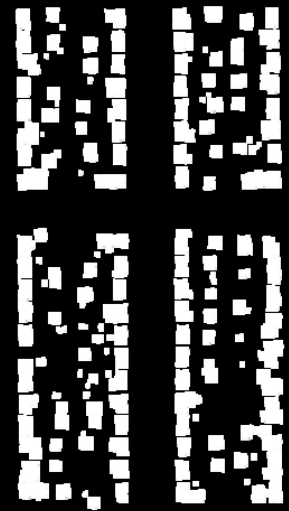
# Project Elements

- ◎ Theater-1,000 seat capacity with flexibility
- ◎ Lobby
- ◎ Scene Shop
- ◎ Storage
- ◎ Classrooms

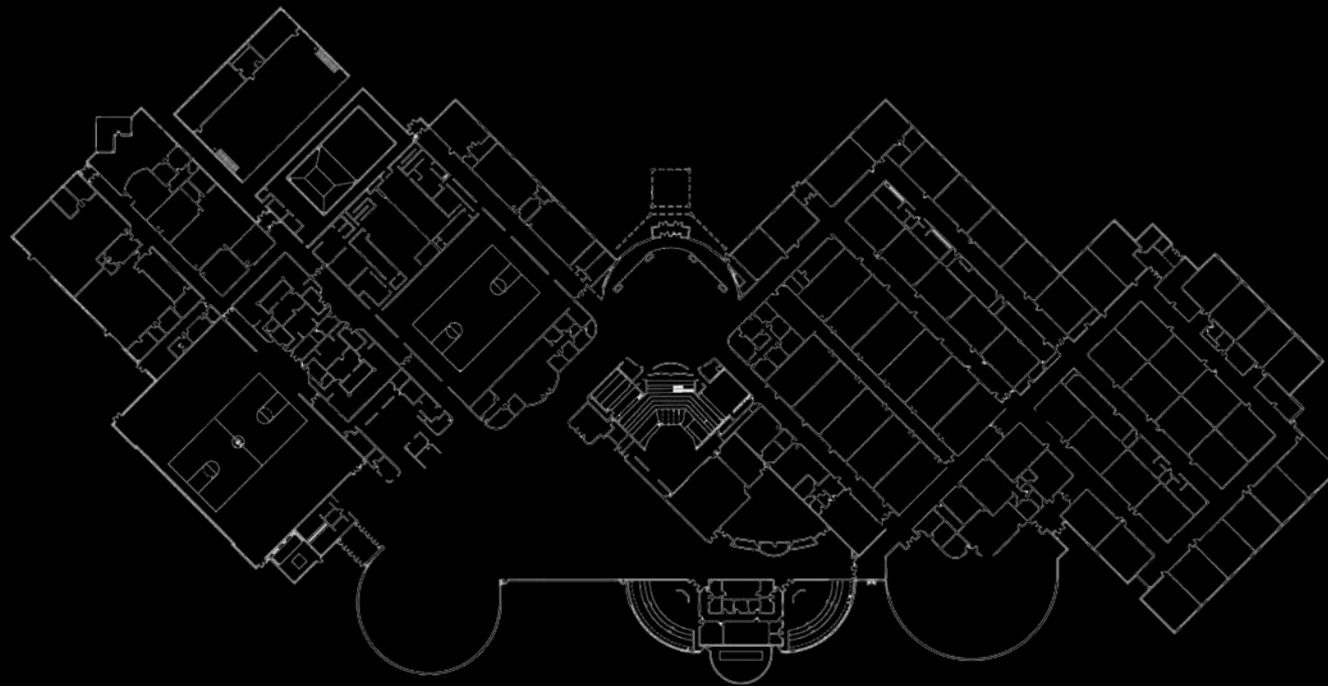
# Site Location

© Grand Forks, ND





# The School





# Building Location



# Alternative Site Photos





# Building Location



# Site Photos





# Personal Connection to Thesis

- ◎ 6 Years in the SPA Program
- ◎ 4 Years at Red River High School
- ◎ 3 Years as a SPA Employee

◎



Guthrie Theater  
NDSU Festival Concert Hall  
Theater For Dance

# CASE STUDIES

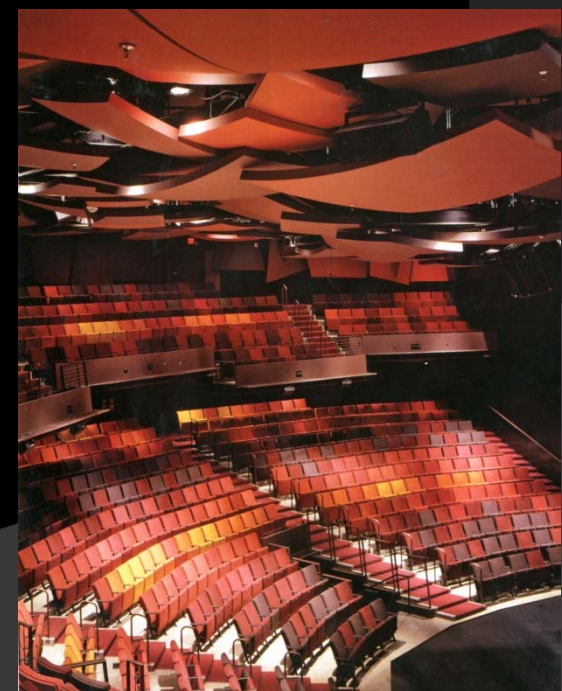
# Guthrie Theater



# Guthrie's Three Theaters

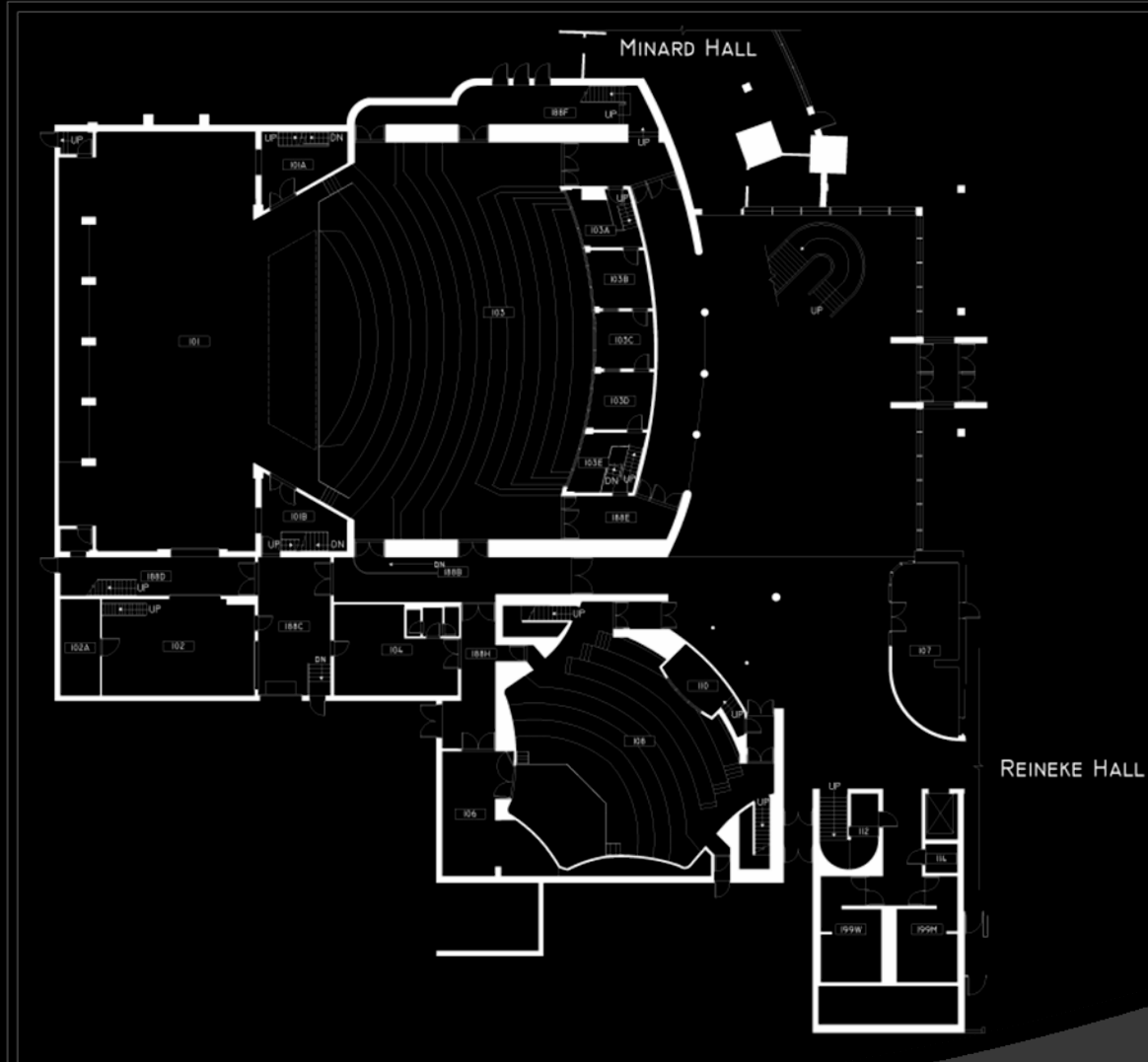
McGuire  
Proscenium

Downling Studio



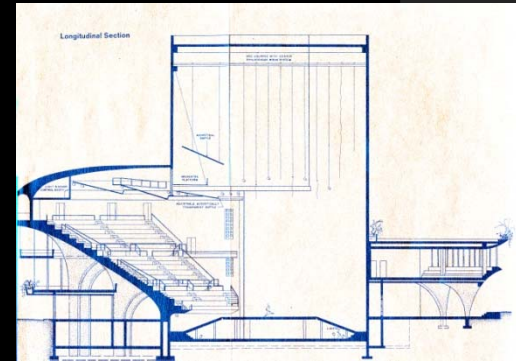
Wurtele Thrust

# NDSU Festival Concert Hall





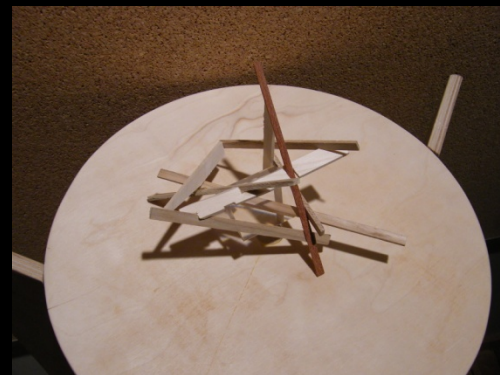
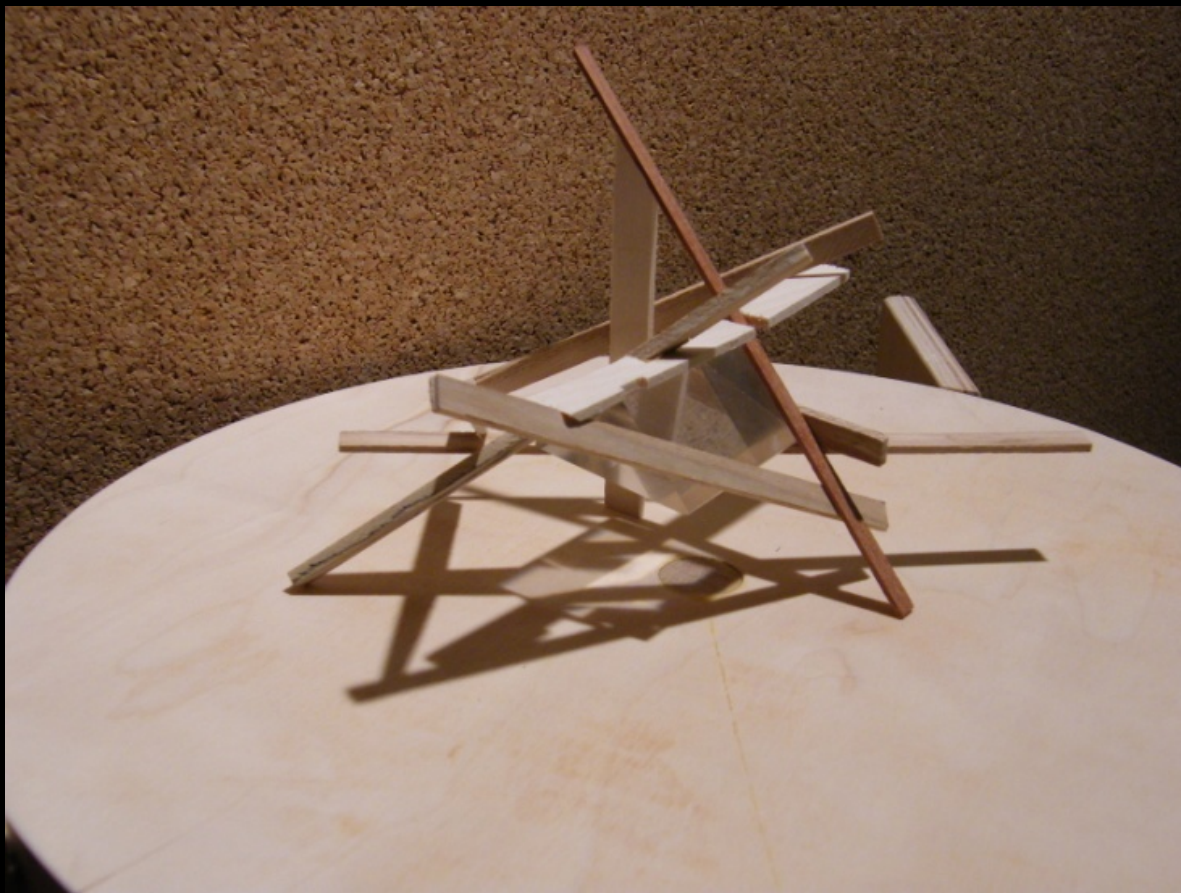
# Theater For Dance



Concept  
Models  
Drawings  
Digital

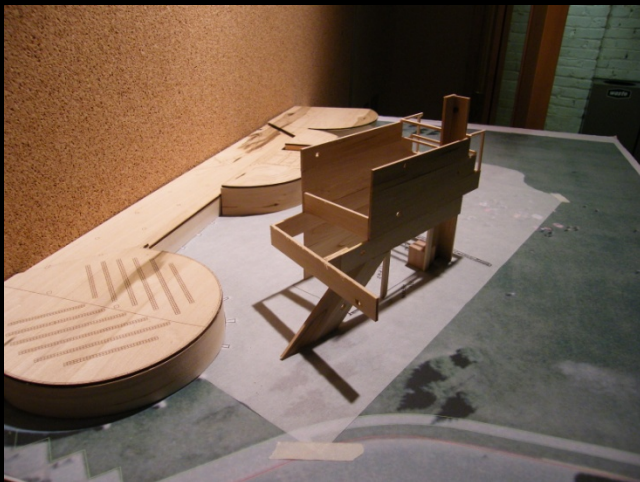
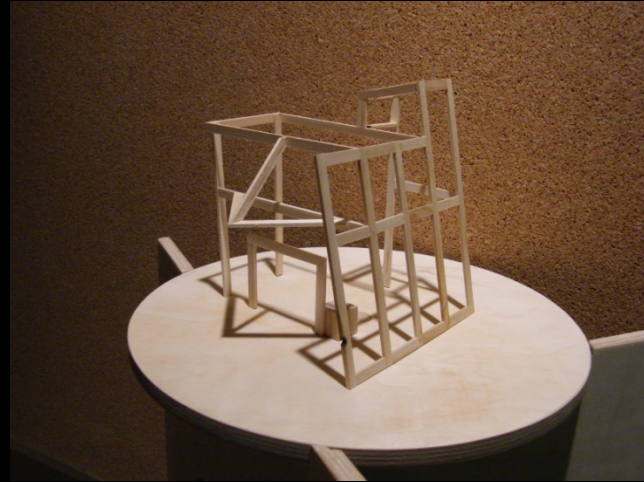
# DESIGN PROCESS

# Concept Studies



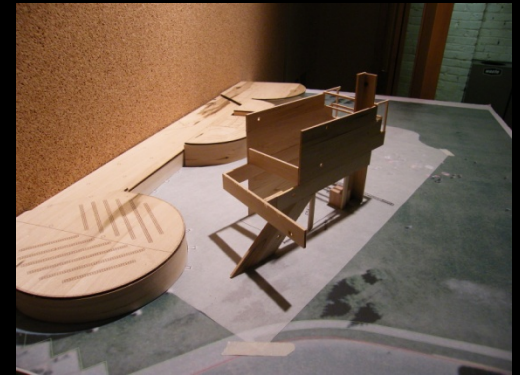
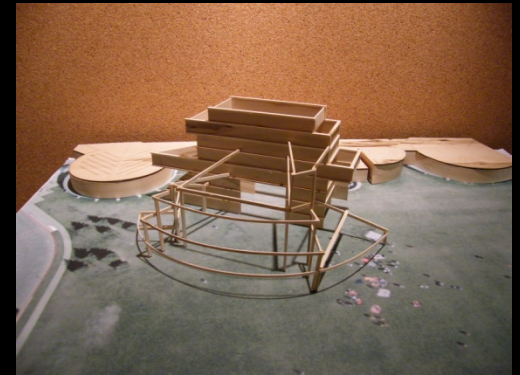
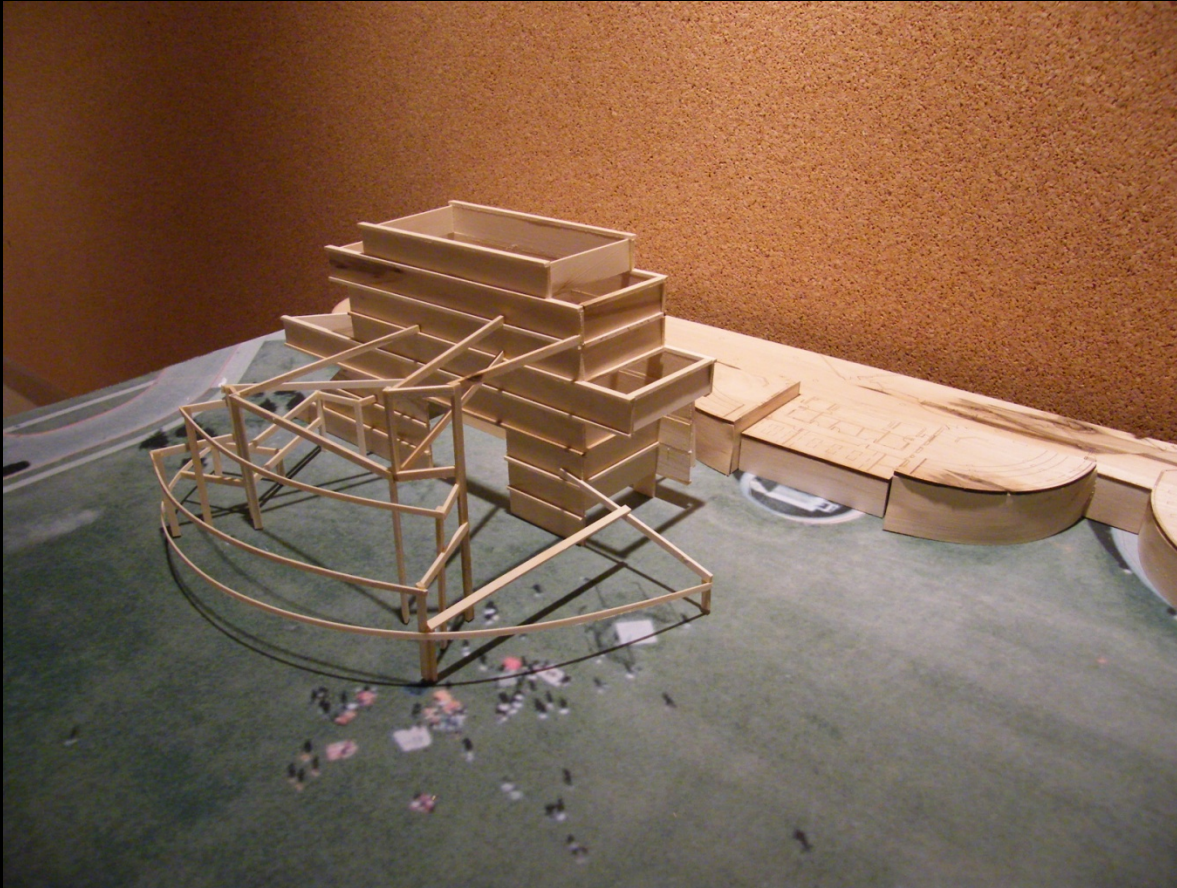


# Model Studies

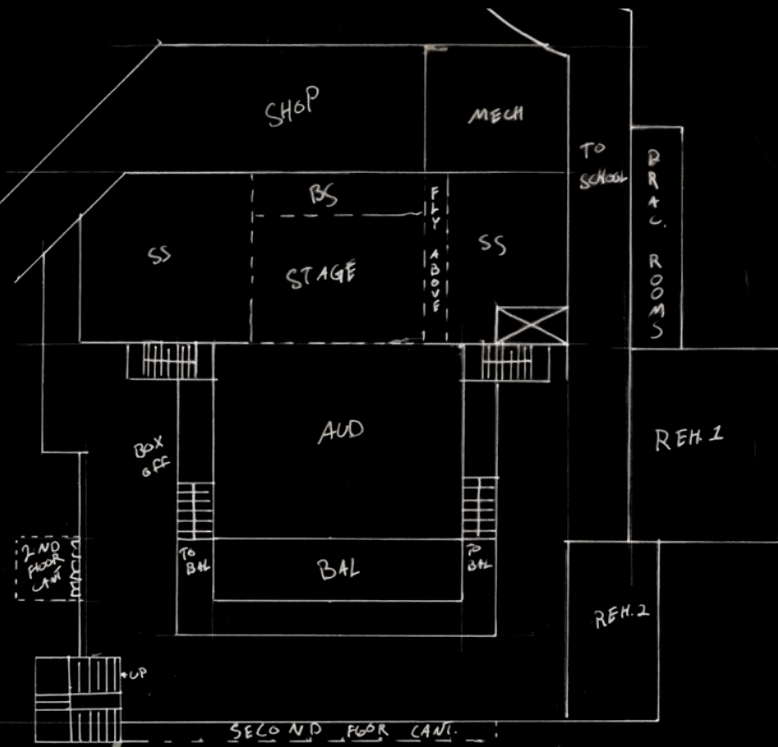
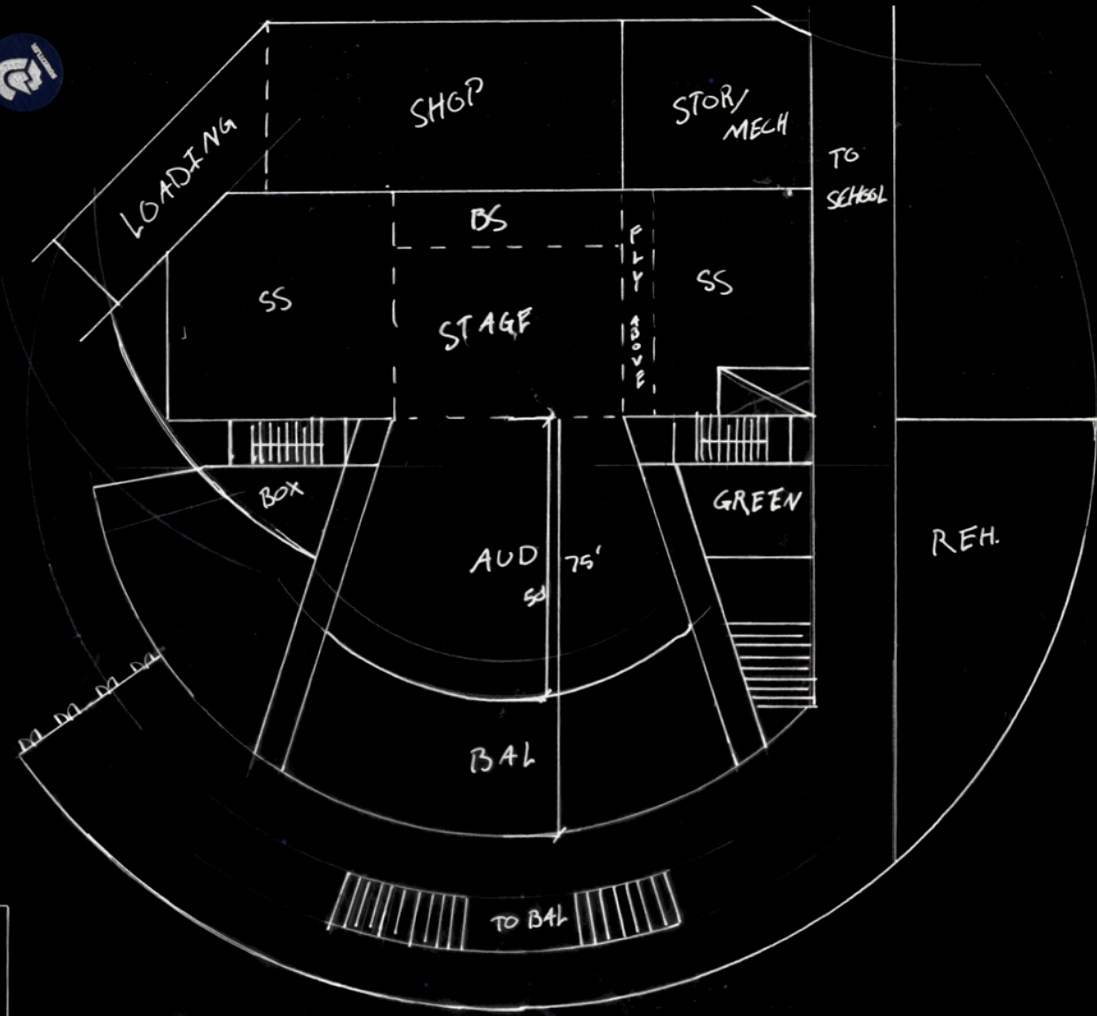




# Models in Context



# Initial Plans

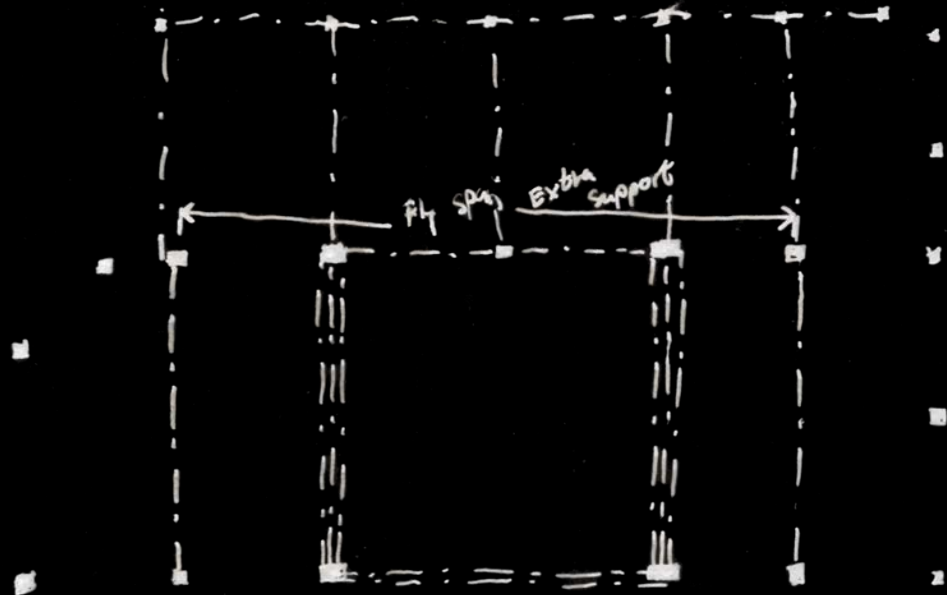




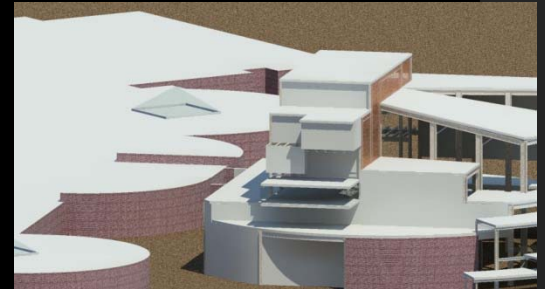
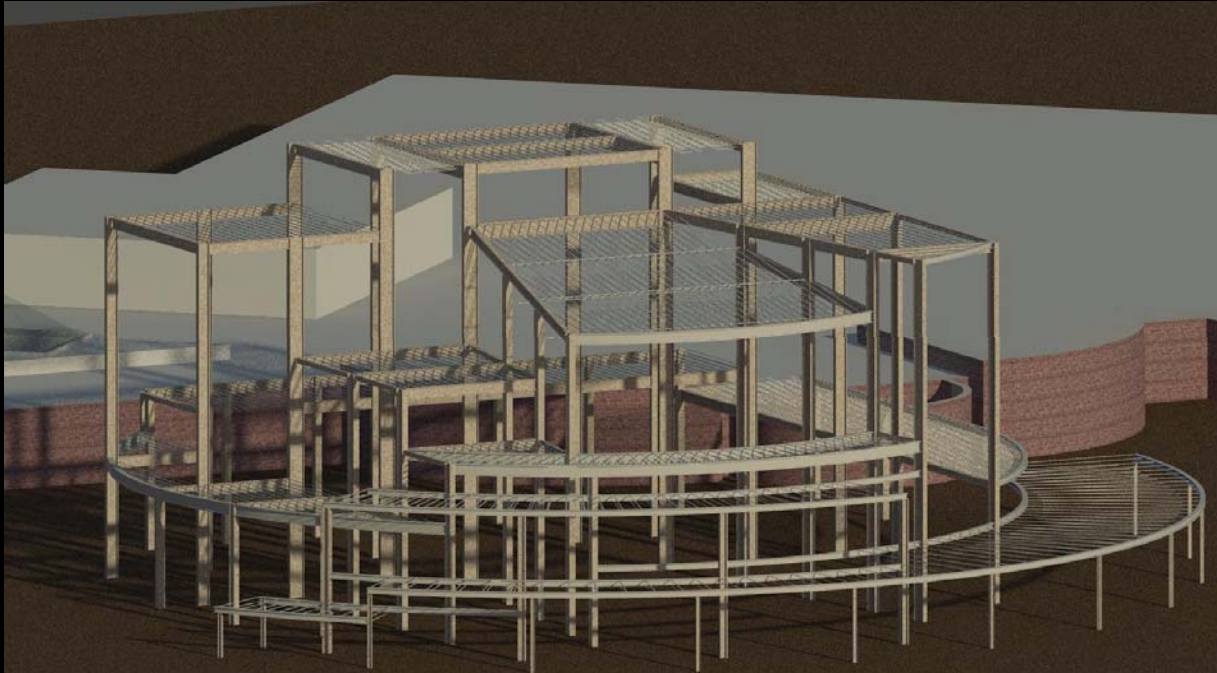
# Building Location



# Initial Structure



# Structure



# Skins

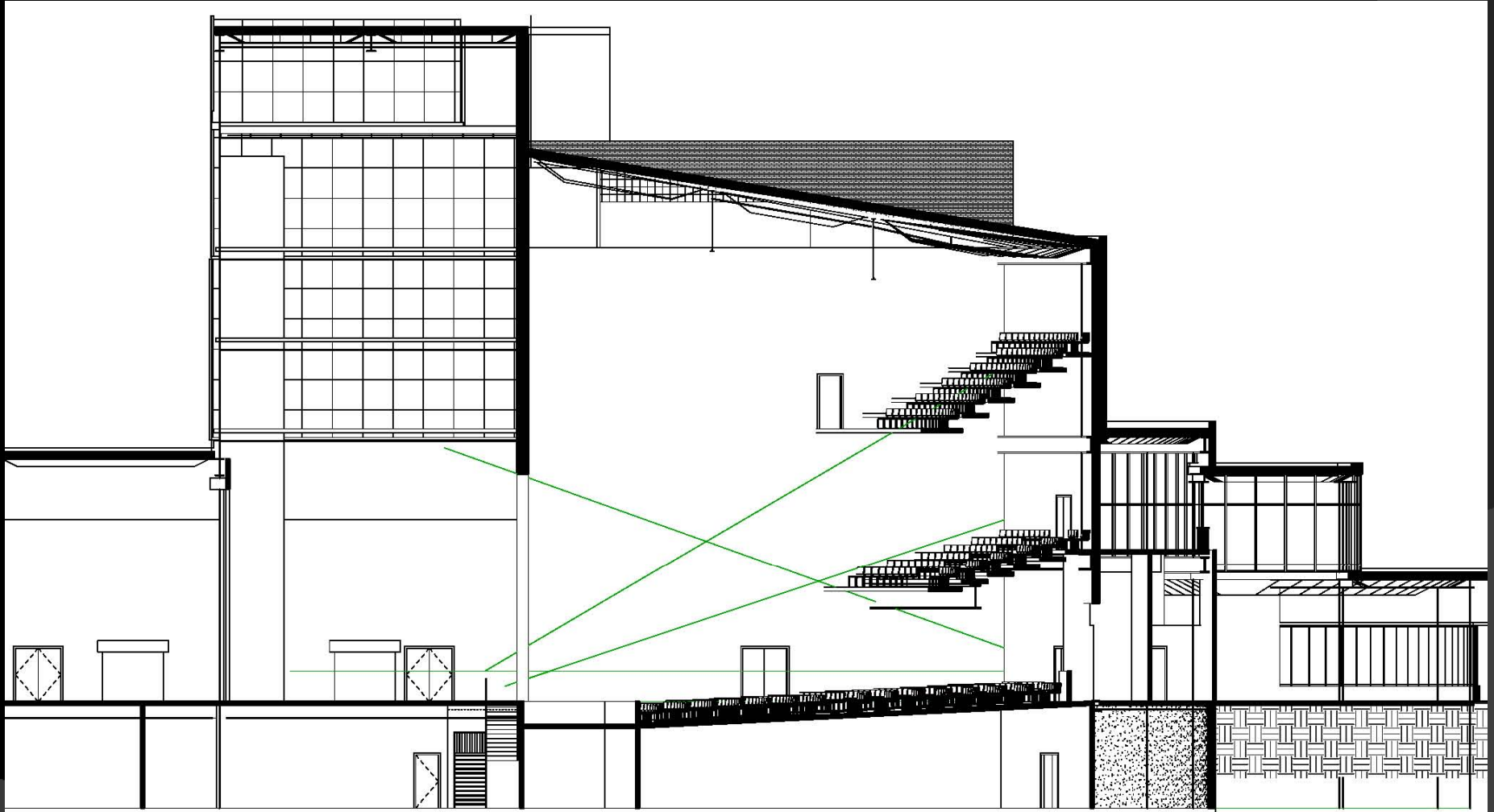


Professor Barnhouse  
Red River Fine Arts Department  
RSP Architects

# MID-TERM



# Section



# Section Perspective



# Southern Perspective



# Entry

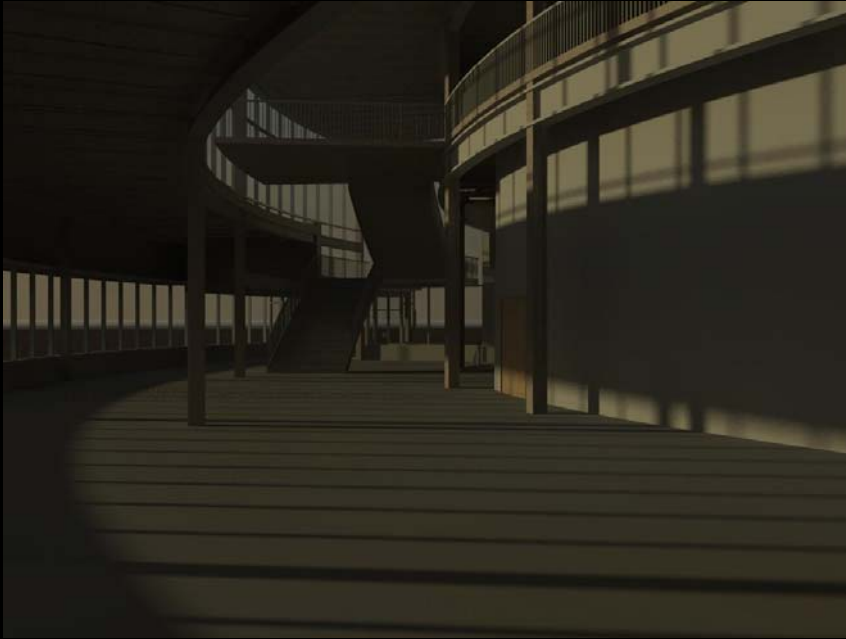


# Stage Perspective

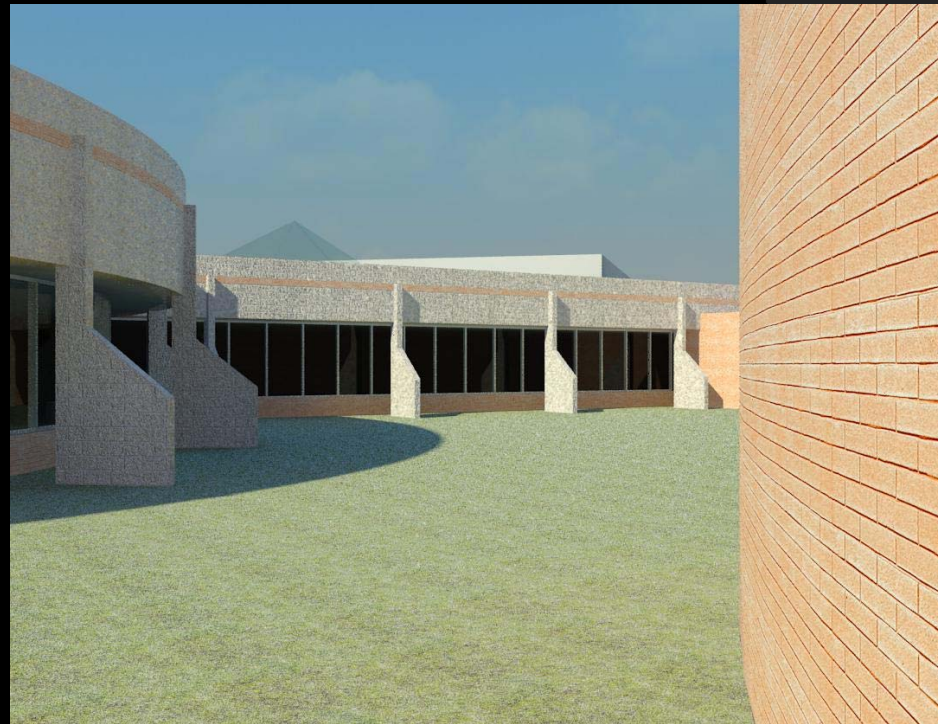




# Lobby

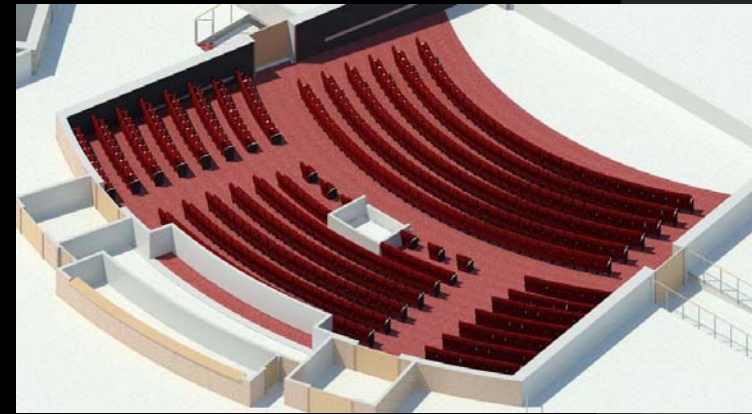
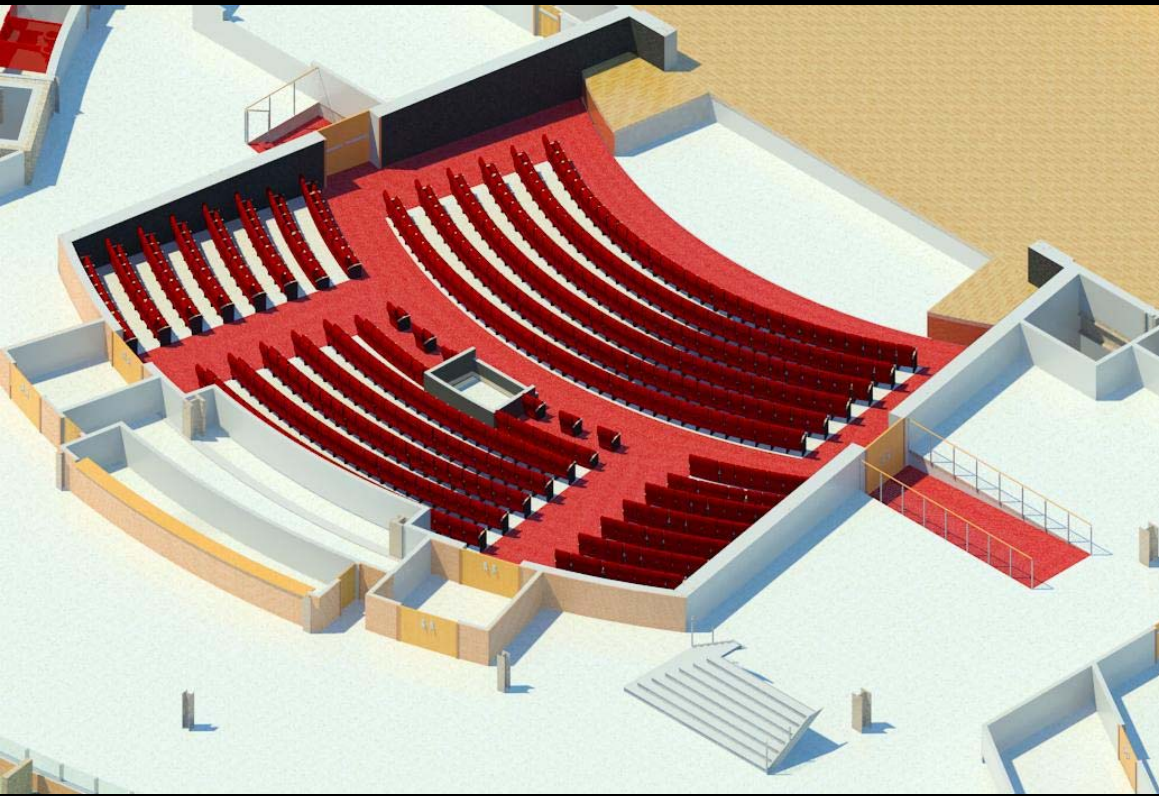


# **POST MID-TERM DESIGN**



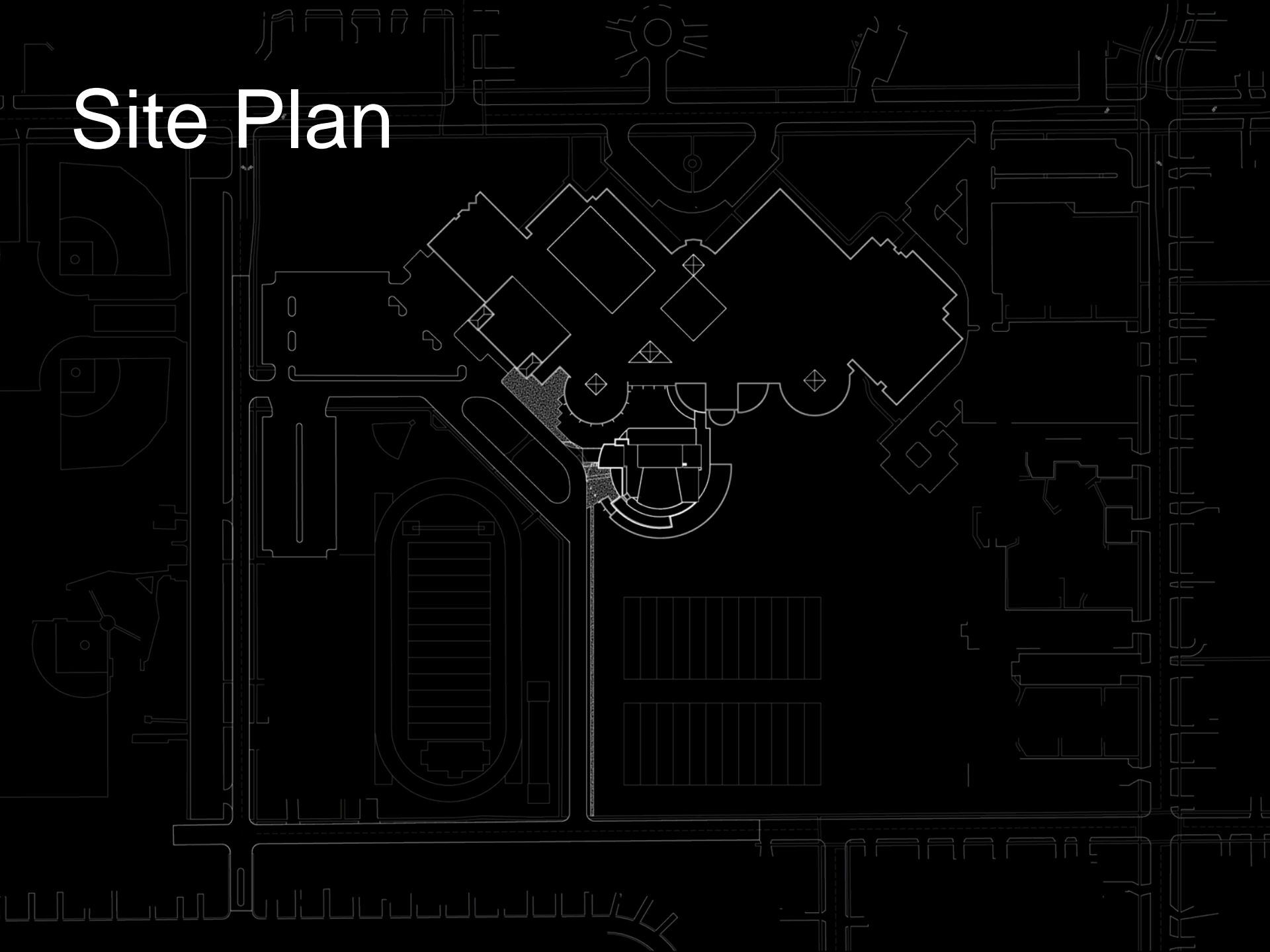


# Seating layout

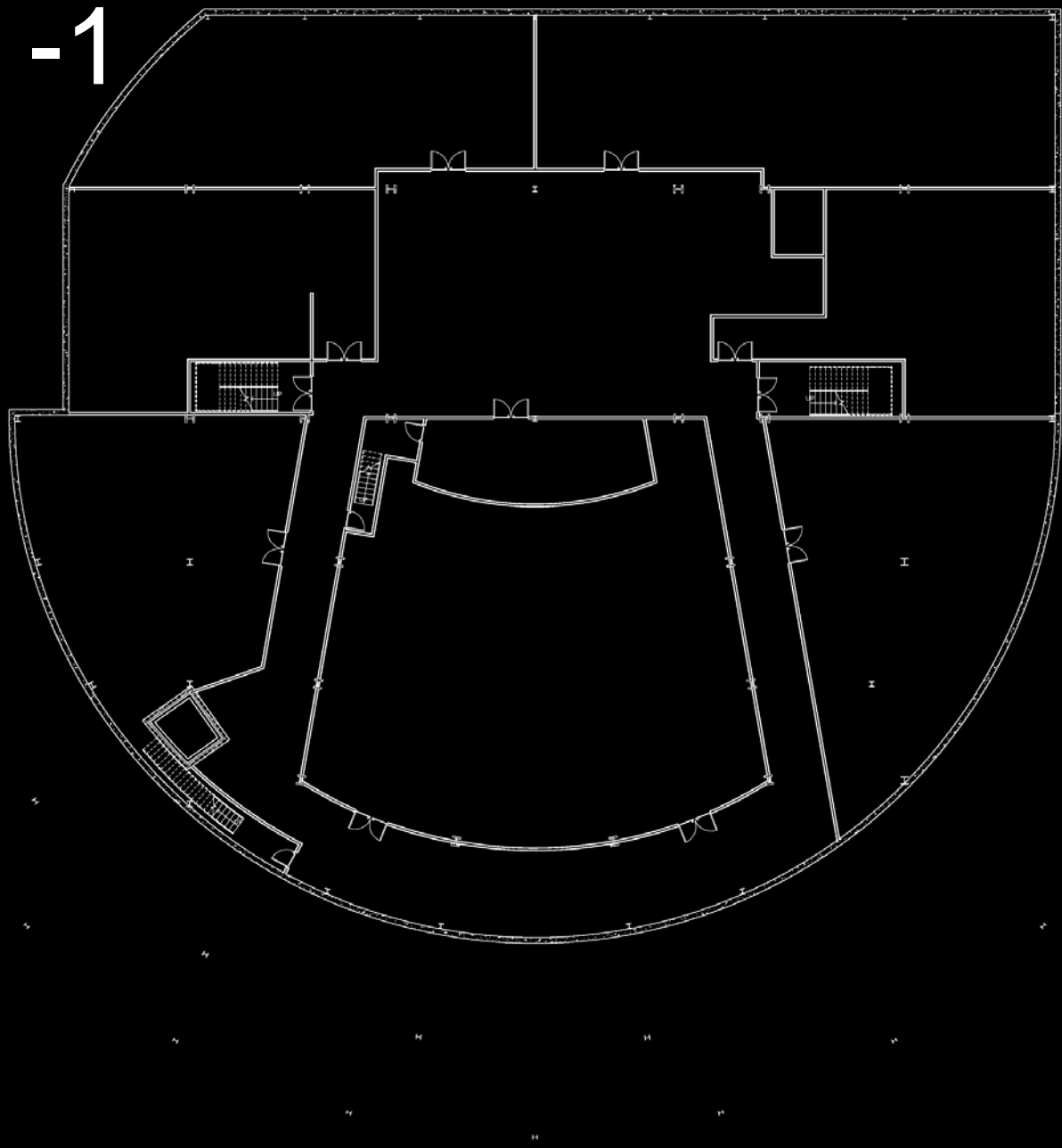


**FINAL DESIGN**

# Site Plan

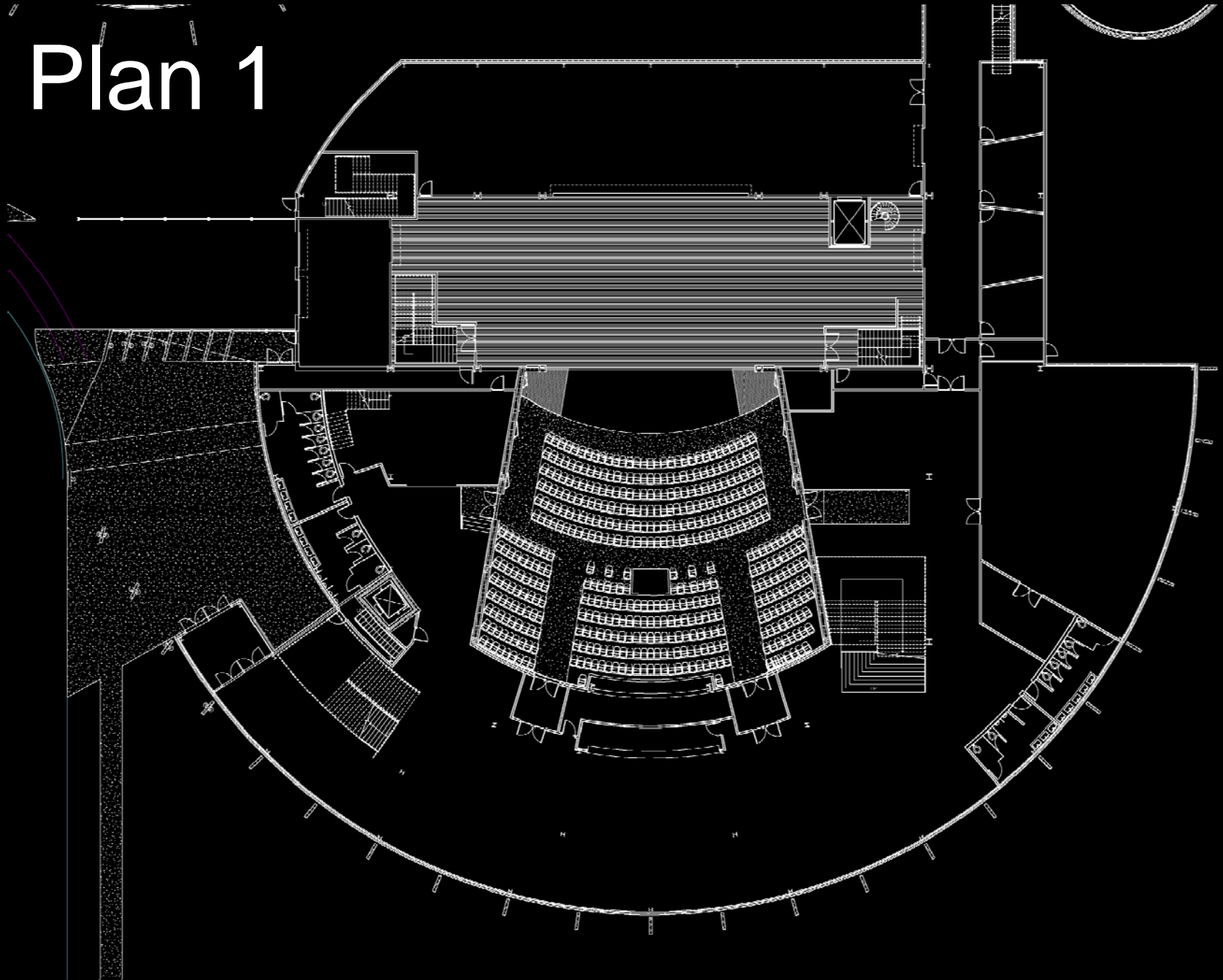


# Plan -1

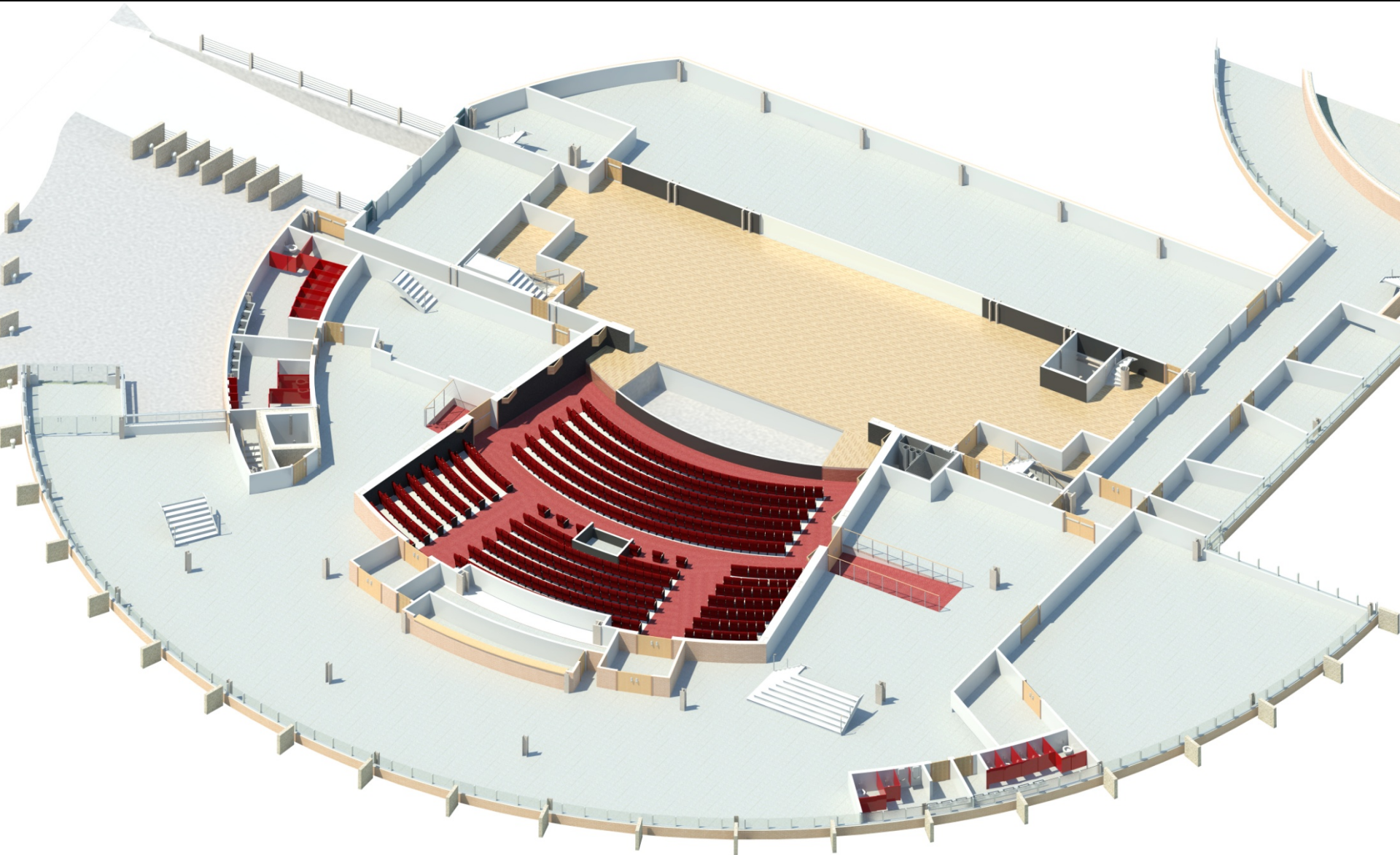




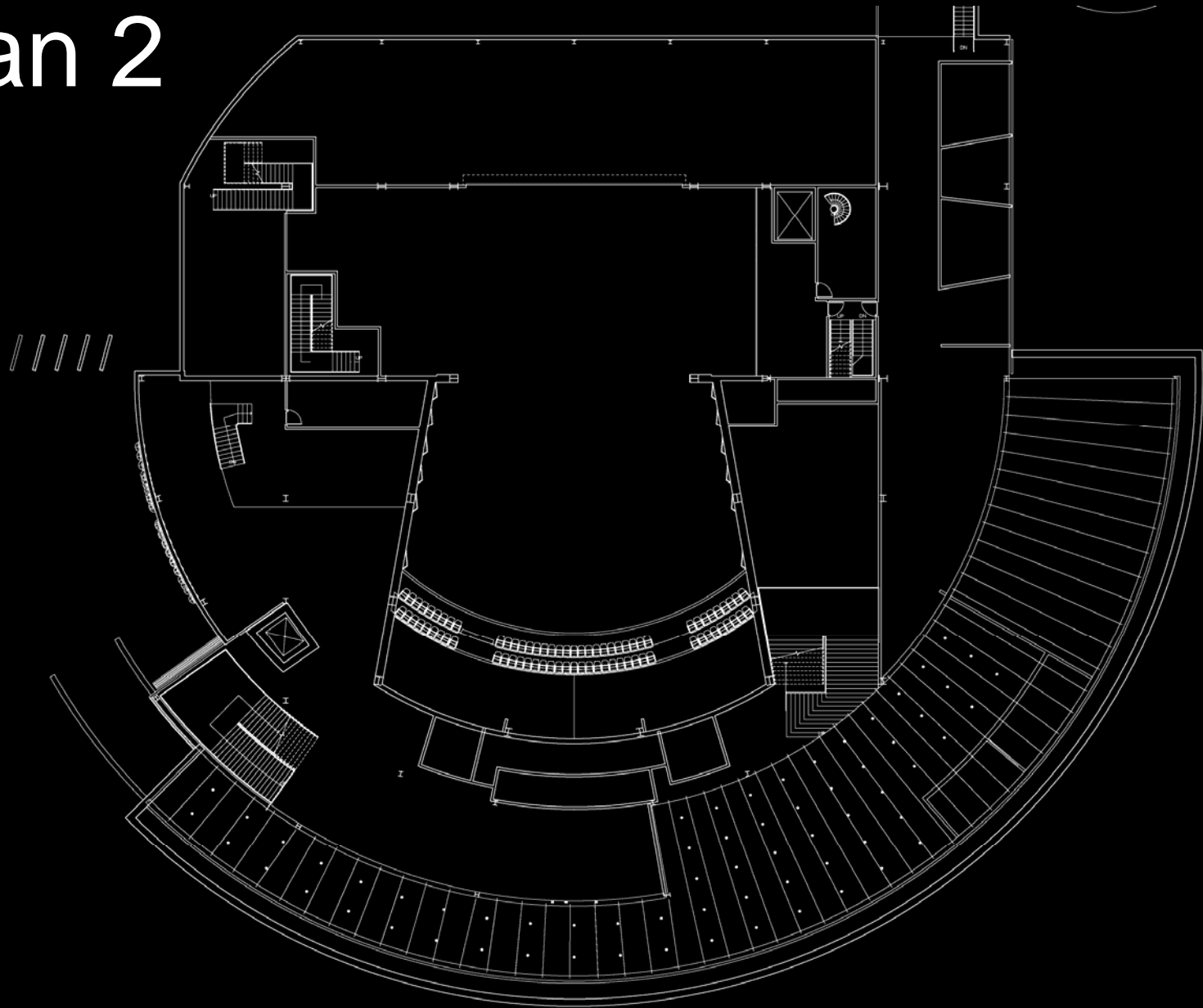
# Plan 1



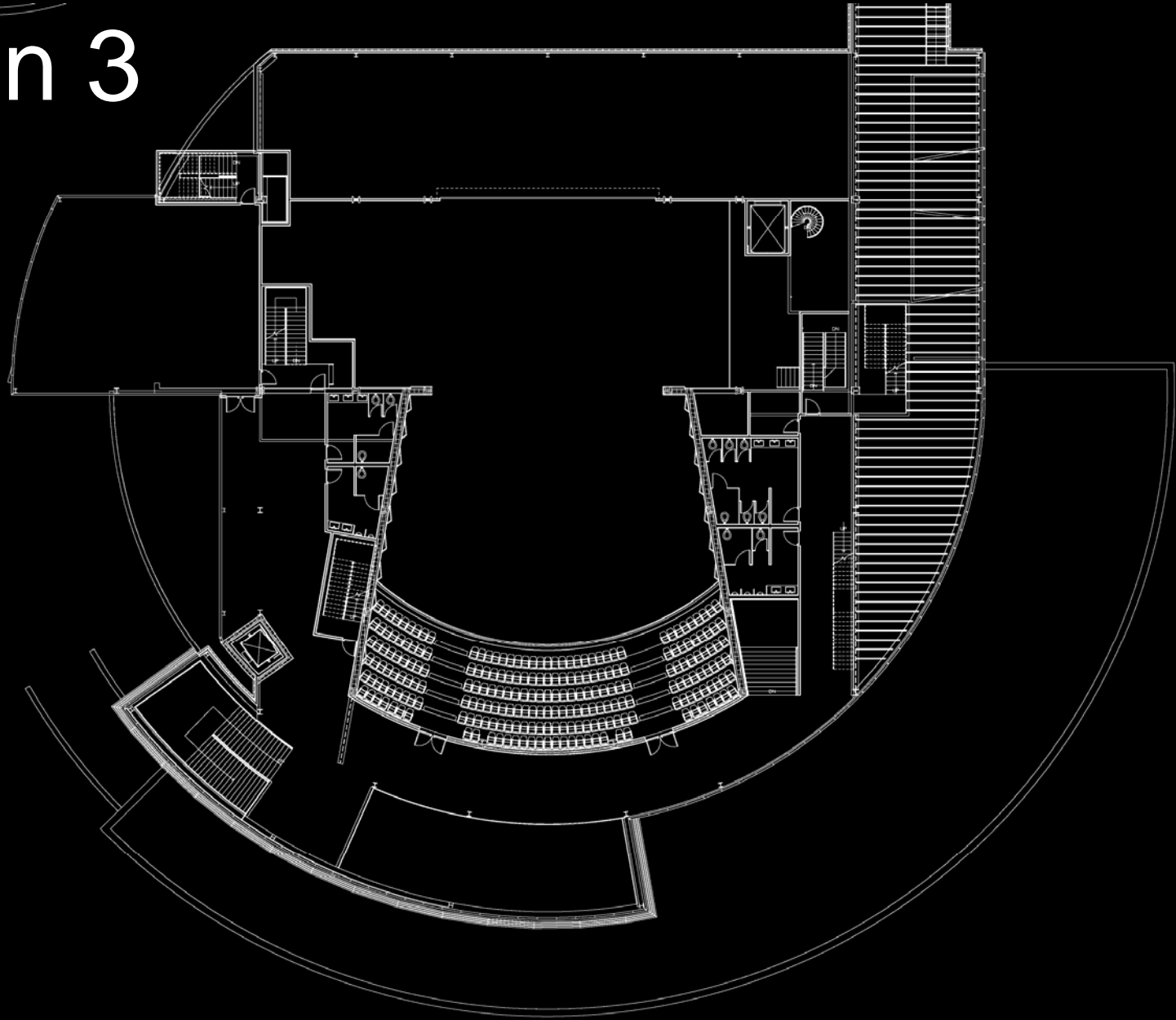
# Plan 1



# Plan 2

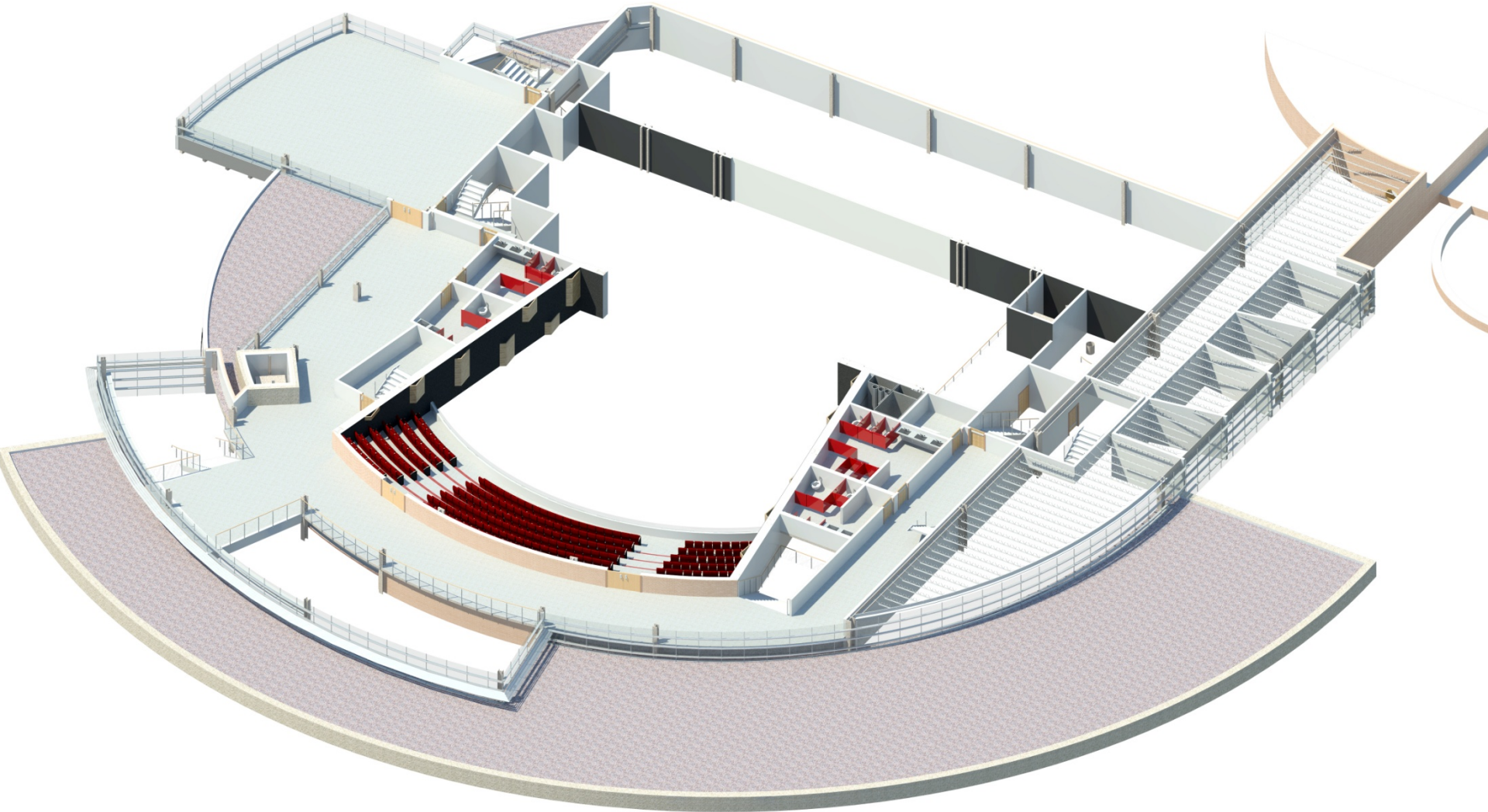


# Plan 3

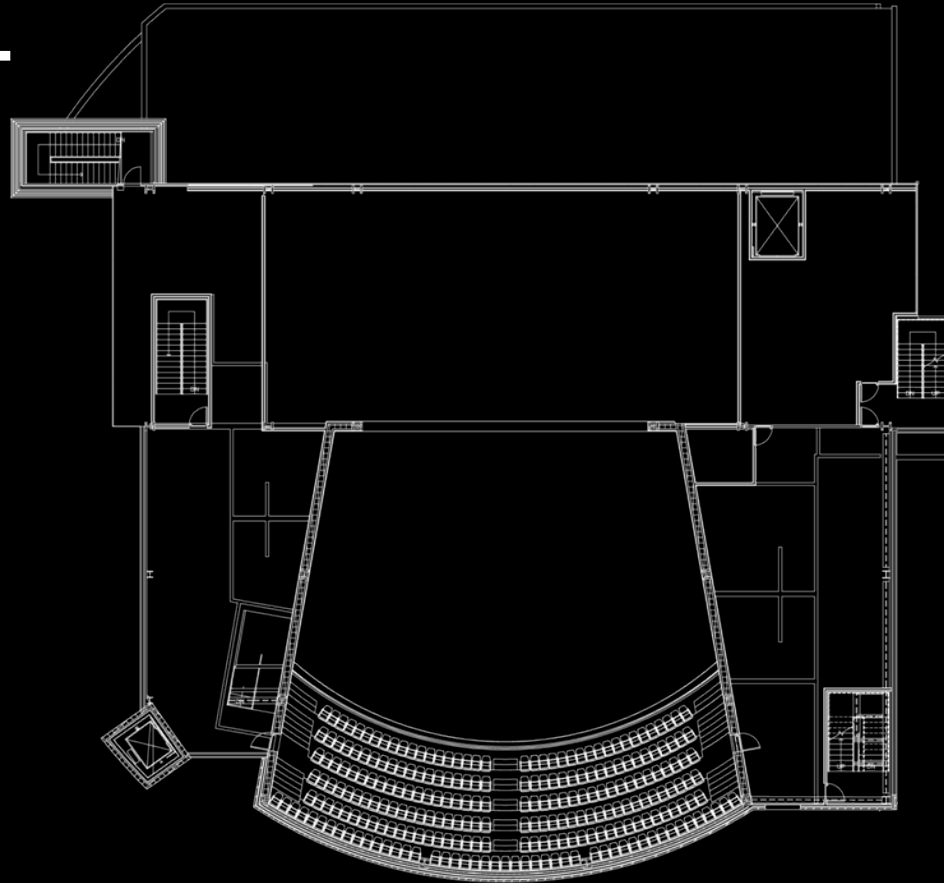




# Plan 3

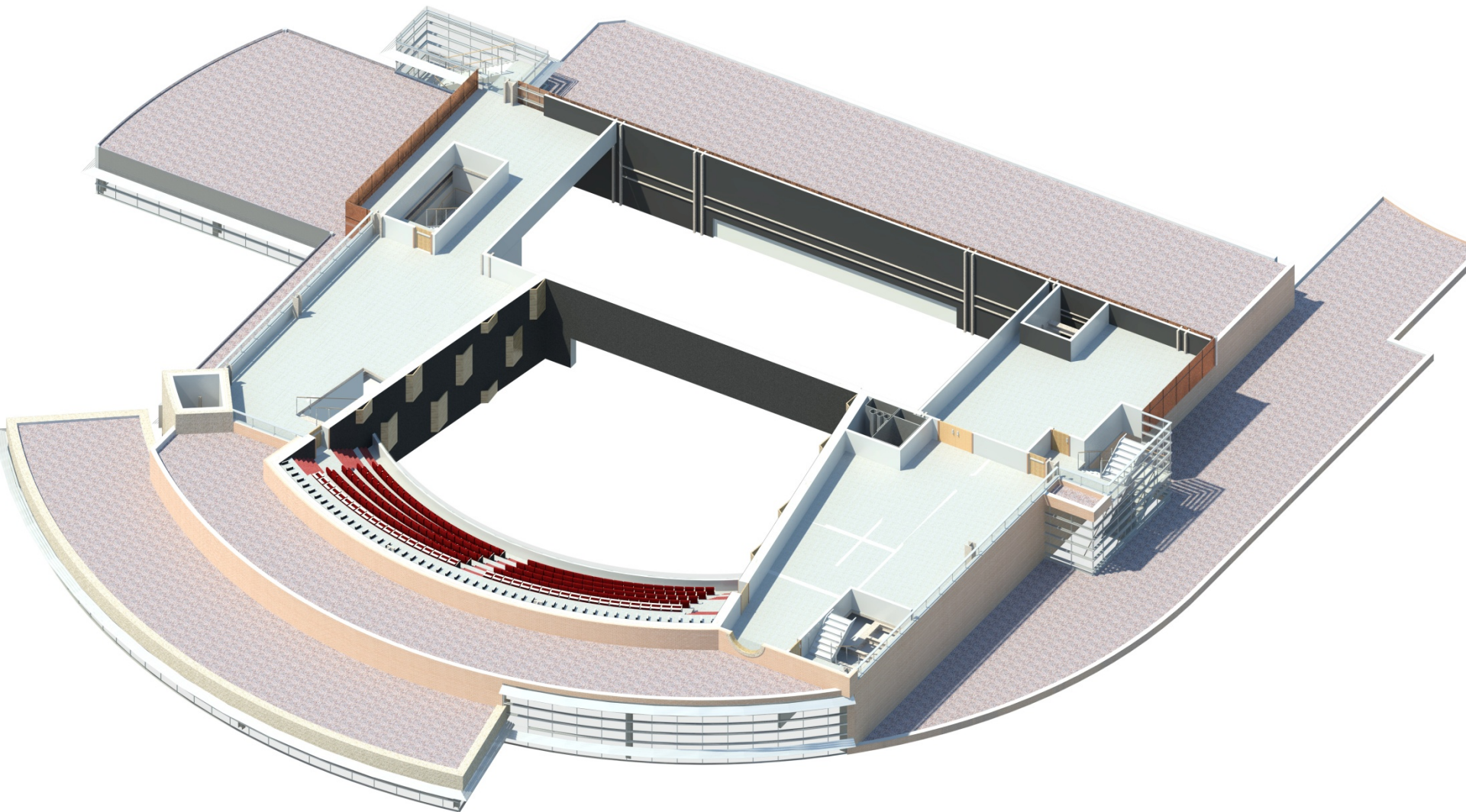


# Plan 4

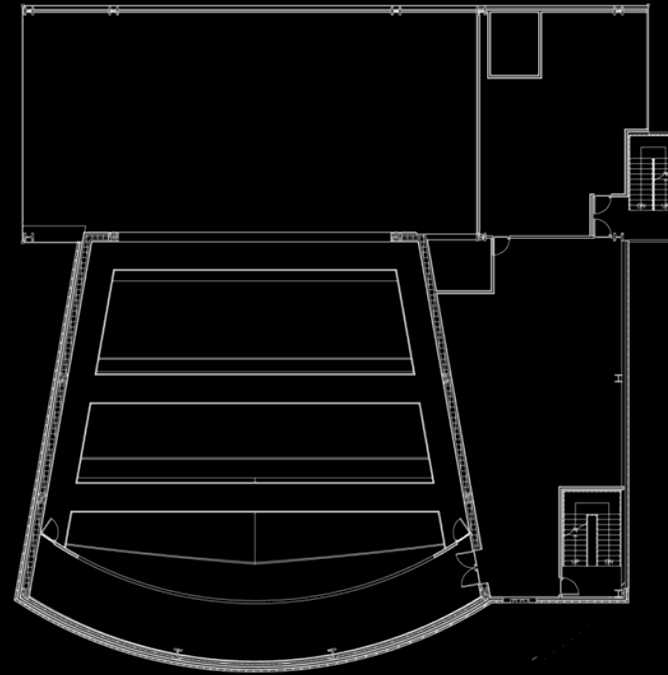




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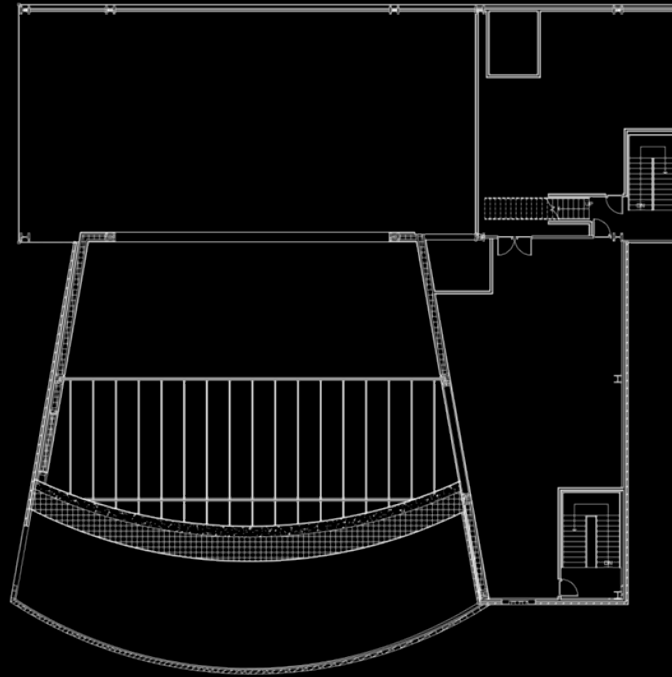


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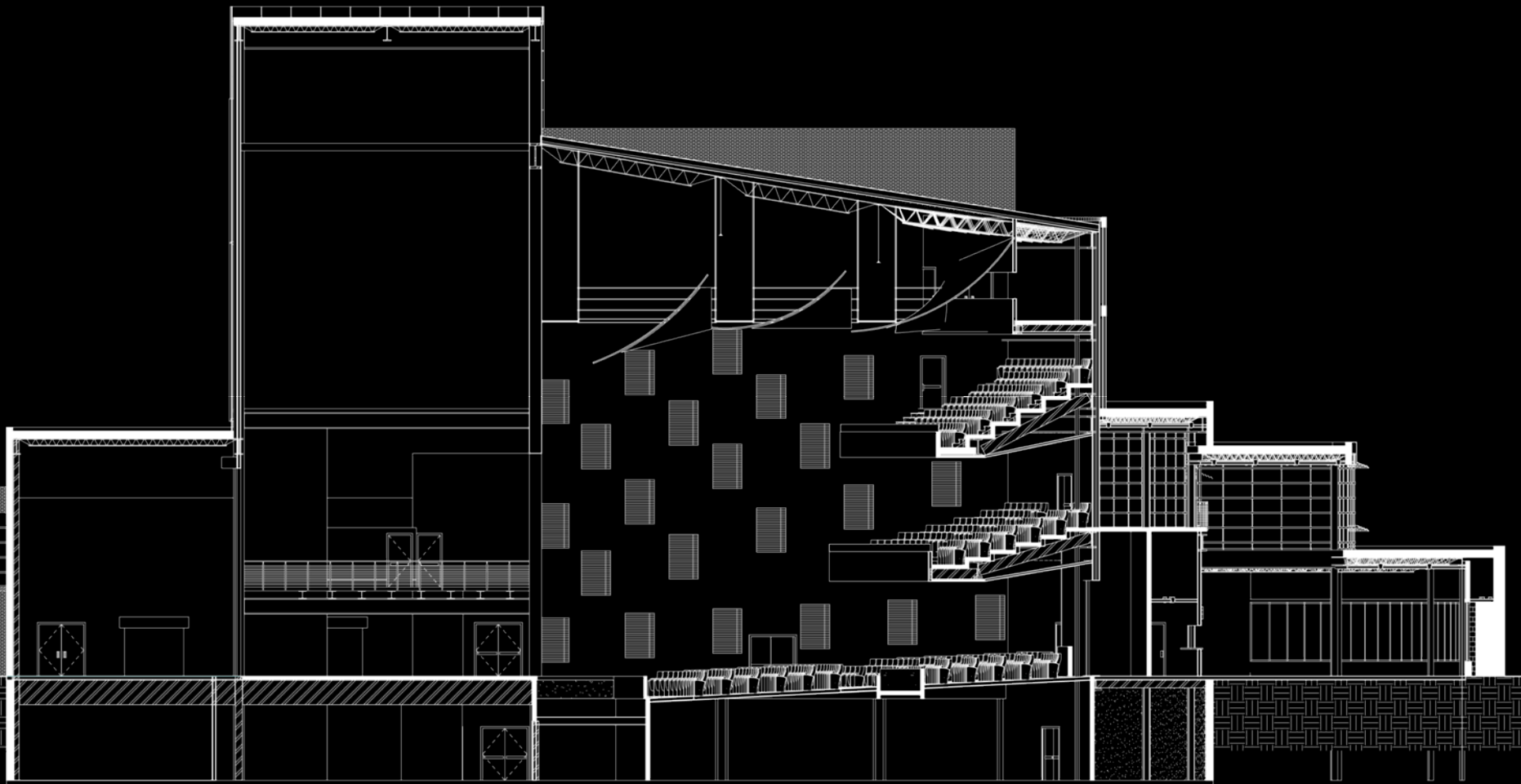




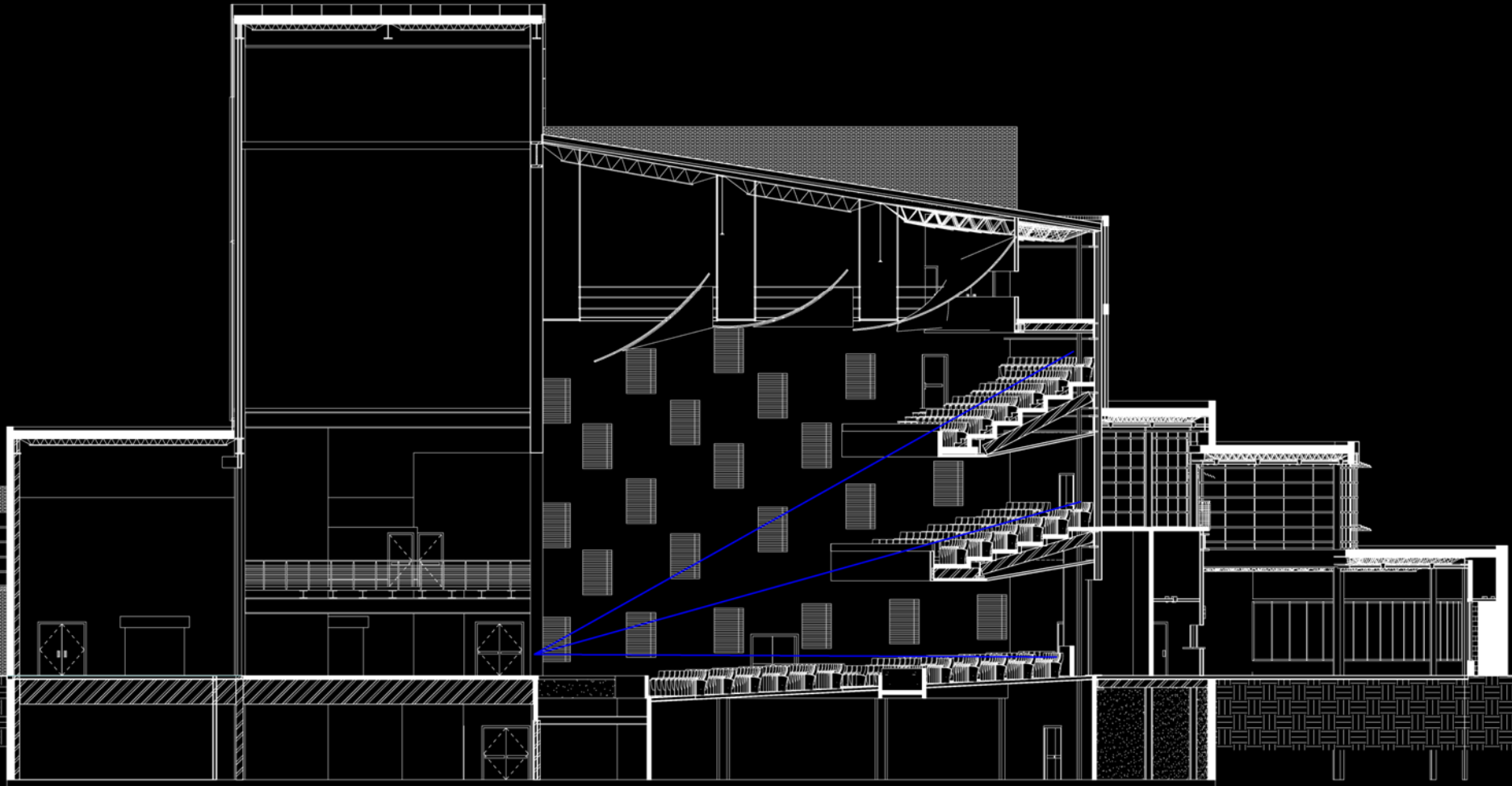
# Plan 6



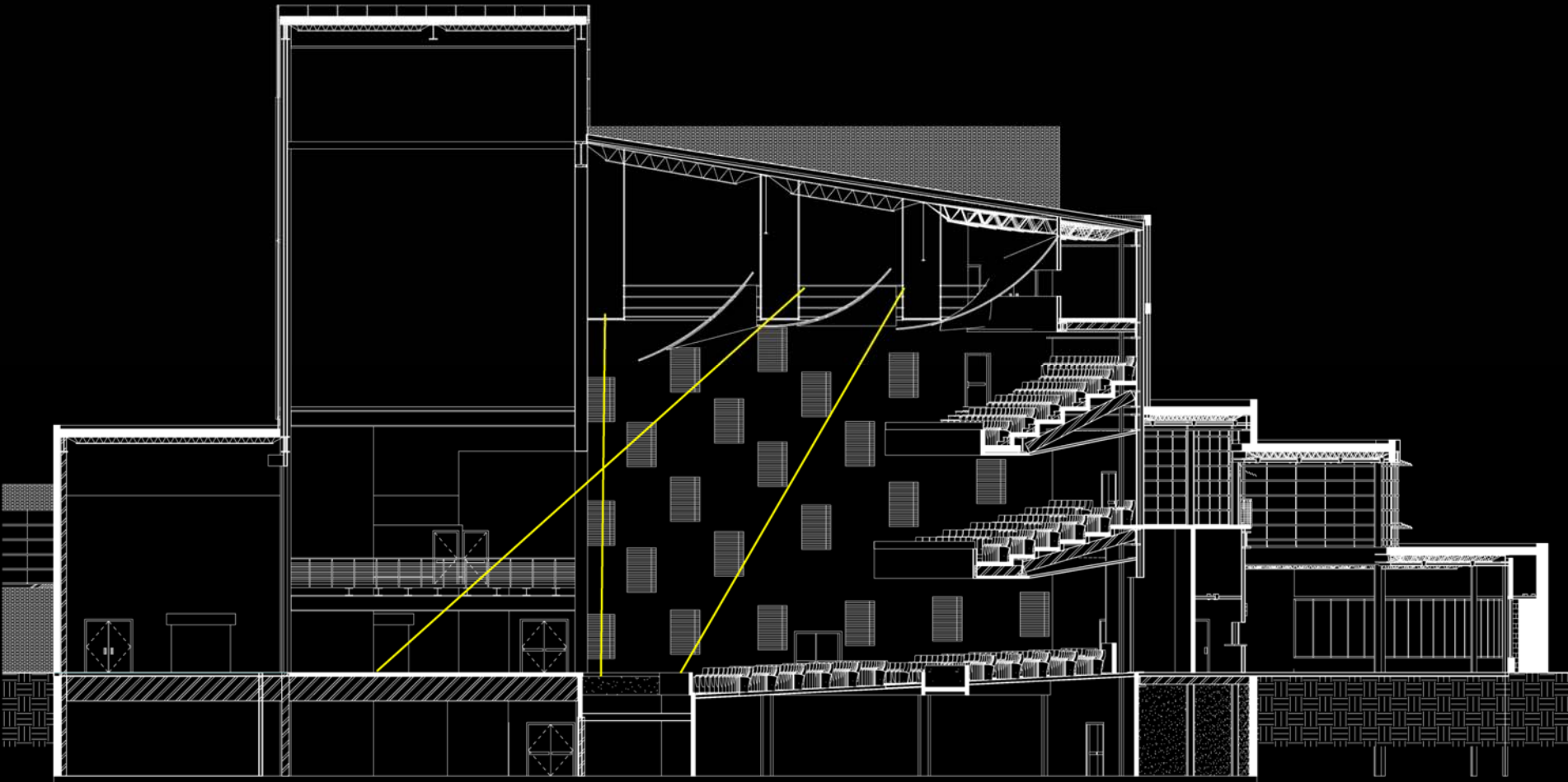
# Section



# Section

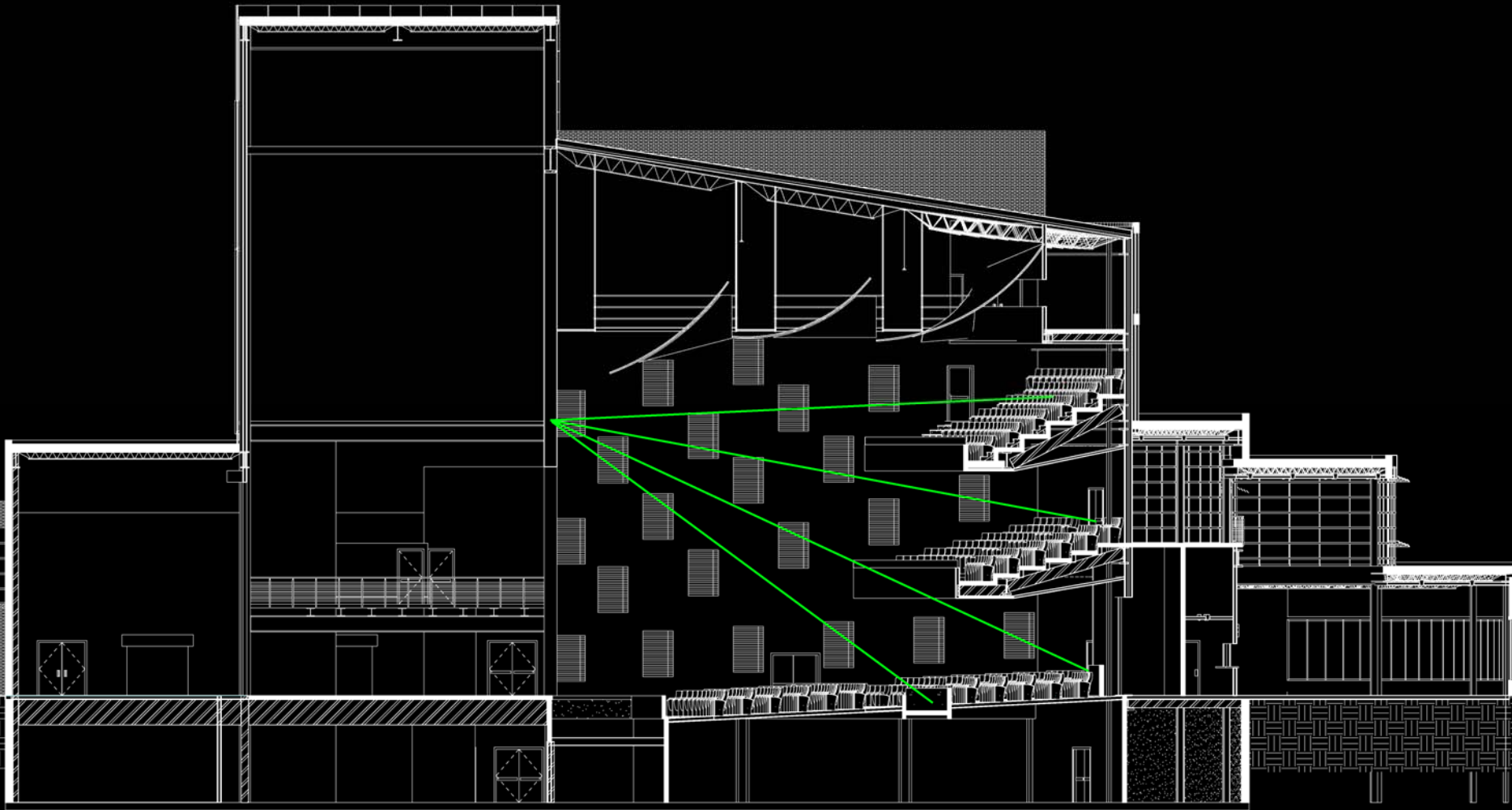


# Section

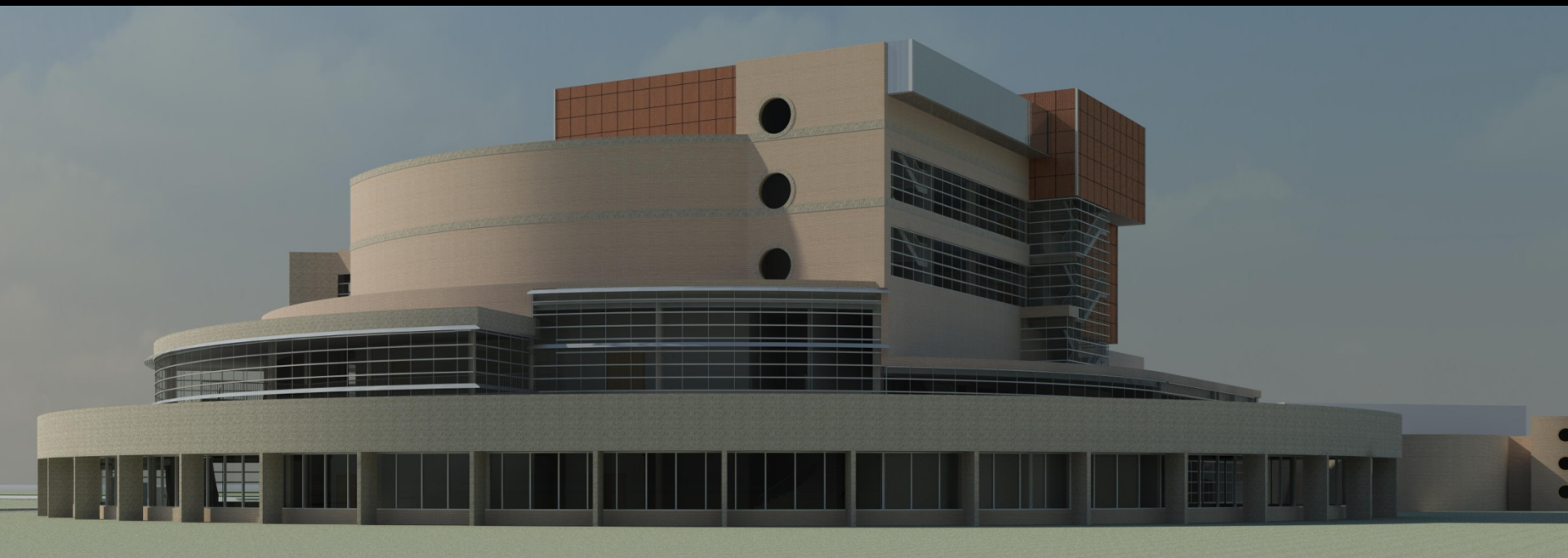




# Section



# Southern Perspective



# Entry Perspective









TICK

LOBBY







ENT PERFORMING  
ARTS CENTER



BALCONY

