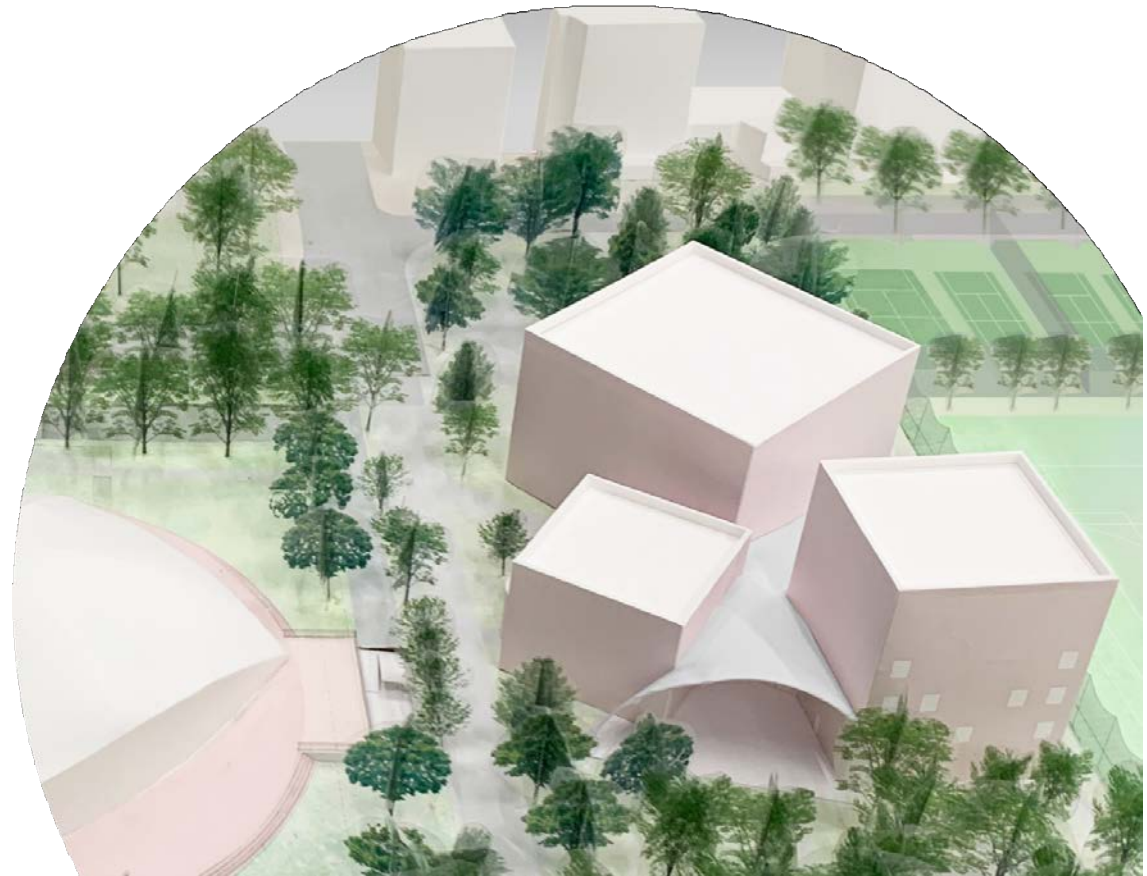
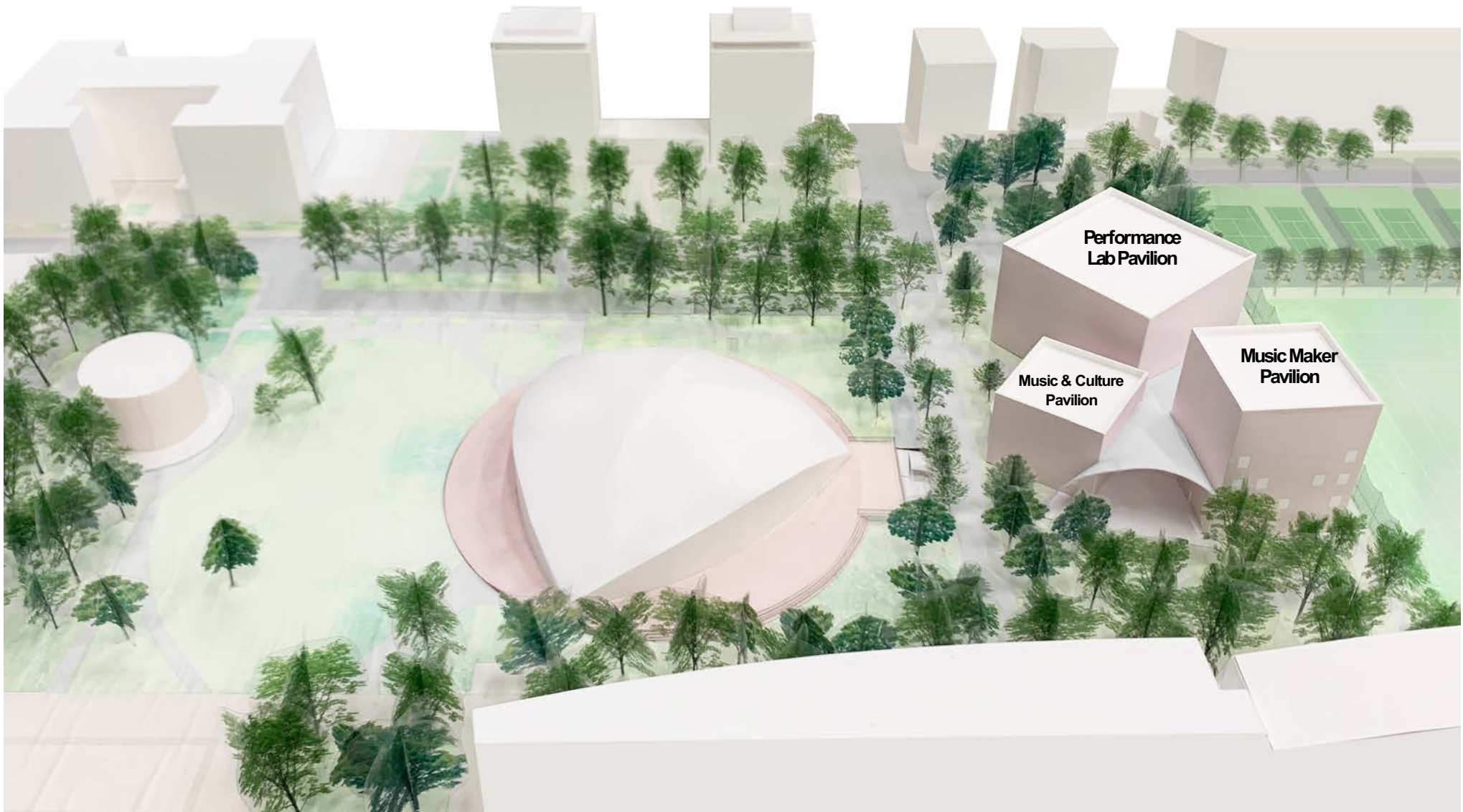
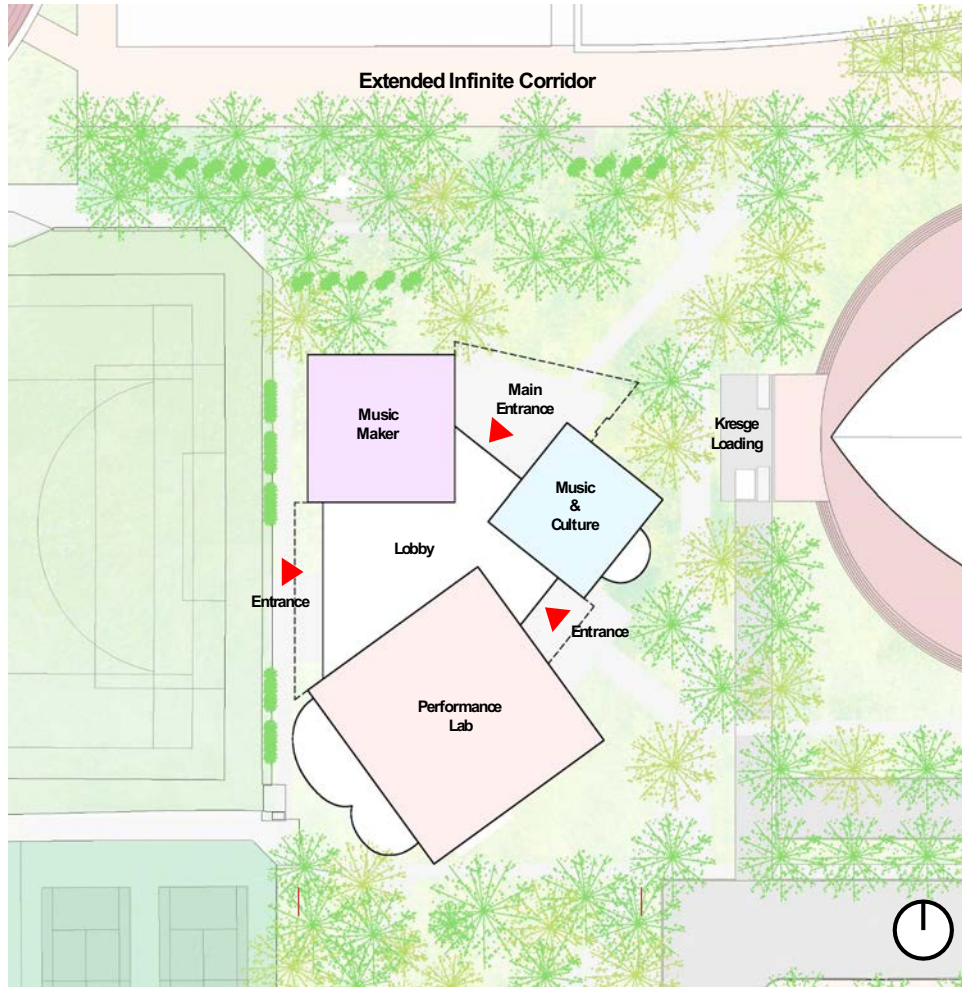


# Music at MIT



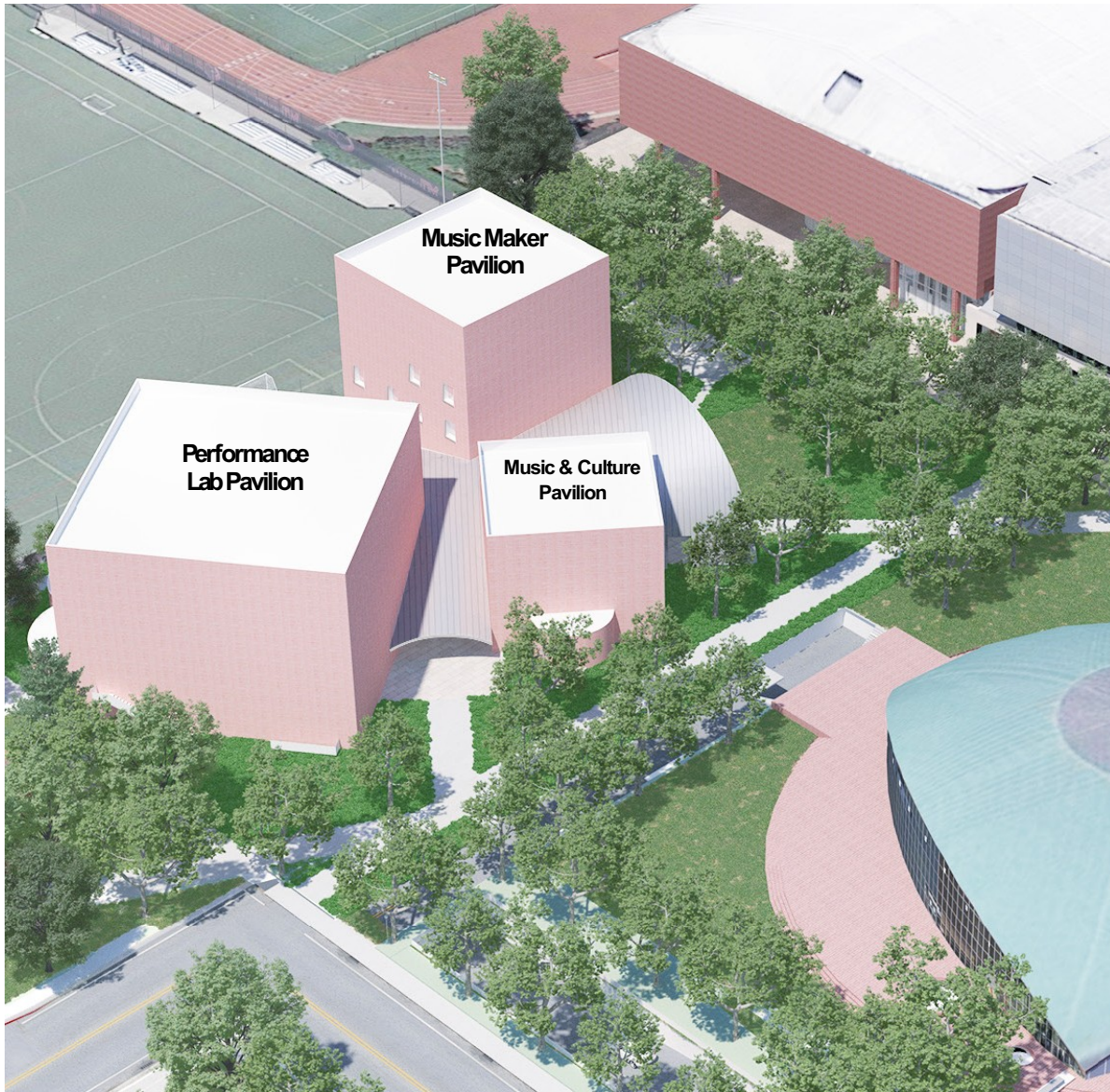


**MIT Music Building**



Schematic Design

## Overhead View



**Overhead View – From Amherst Street Side**



**Main Entrance – From Infinite Corridor Side**



**Main Entrance – From Amherst Street Side**



**View From Jack Barry Field**

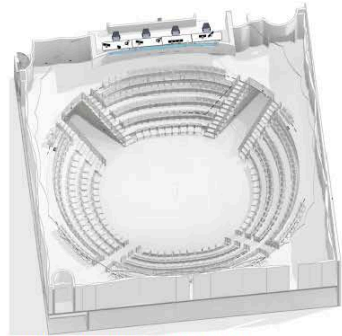


Lobby

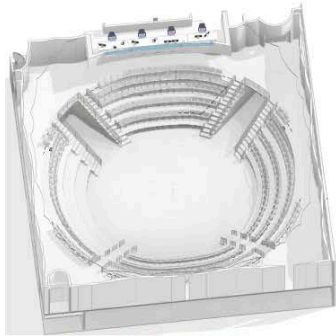




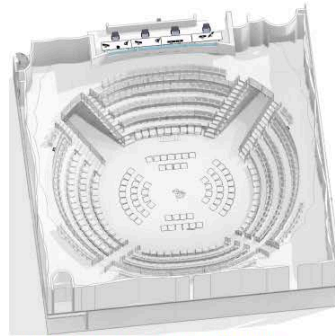
**Performance Lab - Interior**



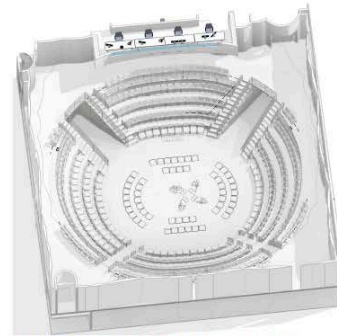
1 3D DIAGRAM - ALL LOOSE CHAIRS INSTALLED (REFERENCE)  
SCALE: 1/10



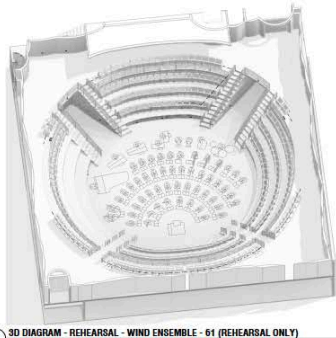
2 3D DIAGRAM - ALL LOOSE CHAIRS REMOVED (REFERENCE)  
SCALE: 1/10



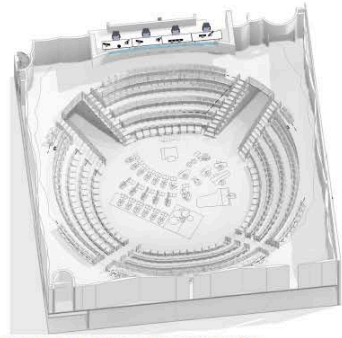
3 3D DIAGRAM - IN THE ROUND - SOLOIST (PERFORMANCE MODE)  
SCALE: 1/10



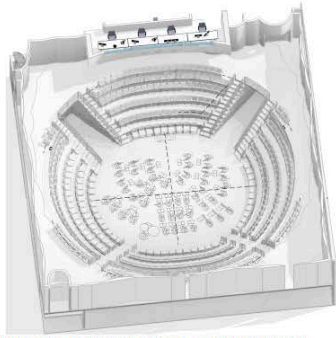
4 3D DIAGRAM - IN THE ROUND - QUARTET - 4 (PERFORMANCE MODE)  
SCALE: 1/10



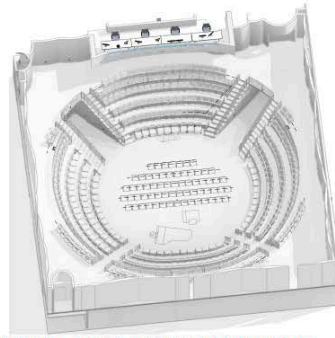
5 3D DIAGRAM - REHEARSAL - WIND ENSEMBLE - 61 (REHEARSAL ONLY)  
SCALE: 1/10



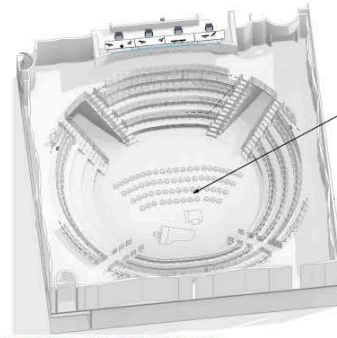
9 3D DIAGRAM - JAZZ ENSEMBLE - 29 (PERFORMANCE MODE)  
SCALE: 1/10



10 3D DIAGRAM - PERFORMANCE - ENSEMBLE - 50 (PERFORMANCE MODE)  
SCALE: 1/10



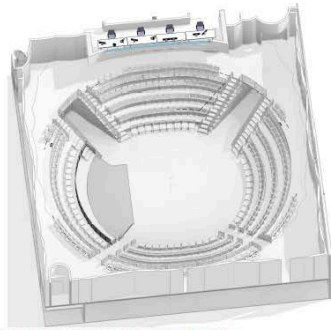
11 3D DIAGRAM - SIDE STAGE - CHOIR W/ PIANO - 66 (PERFORMANCE MODE)  
SCALE: 1/10



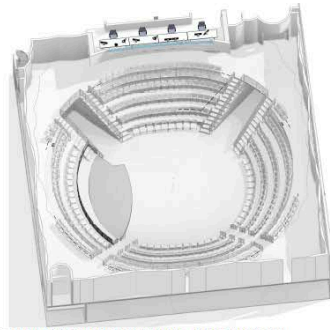
12 3D DIAGRAM - CHOIR - 66 (REHEARSAL MODE)  
SCALE: 1/10

REHEARSAL CONFIGURATION TO BE DEVELOPED IN CG PHASE

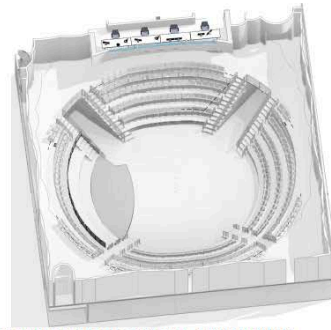
## Performance Lab – Layout Configuration



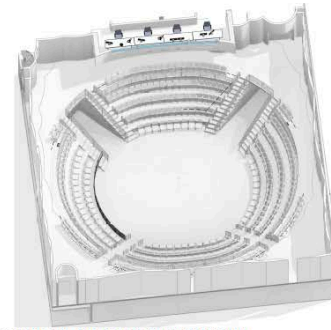
1 3D DIAGRAM - END STAGE - FLAT FRONT (REFERENCE)



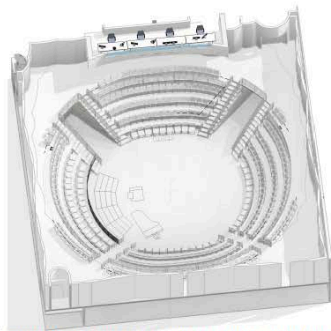
2 3D DIAGRAM - END STAGE - CURVE FRONT + 1 RISER (REFERENCE)



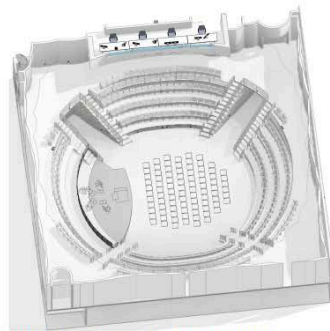
3 3D DIAGRAM - END STAGE - CURVE FRONT + 2 RISERS (REFERENCE)



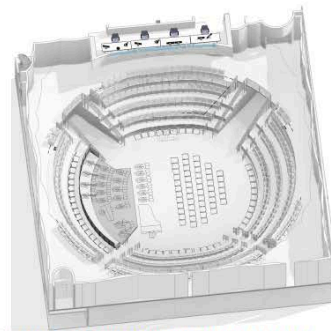
4 3D DIAGRAM - END STAGE - NO PLATFORM (REFERENCE)



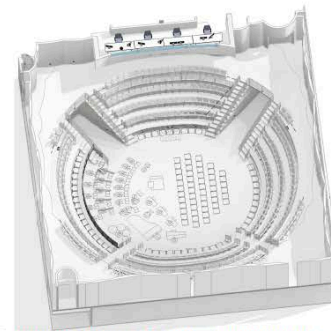
5 3D DIAGRAM - END STAGE - CHOIR ON STANDING RISER - 68-92 (PERFORMANCE)



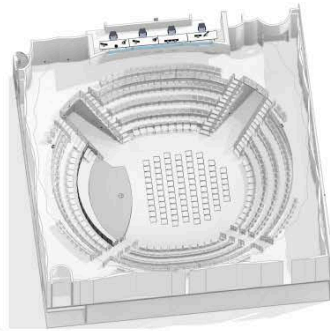
6 3D DIAGRAM - END STAGE - QUARTET - 4 (PERFORMANCE MODE)



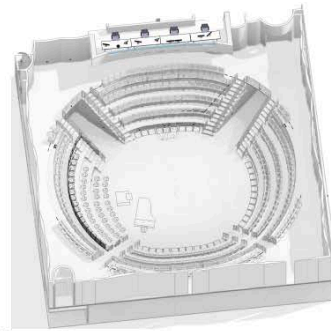
7 3D DIAGRAM - END STAGE - JAZZ ENSEMBLE - 24 (PERFORMANCE MODE)



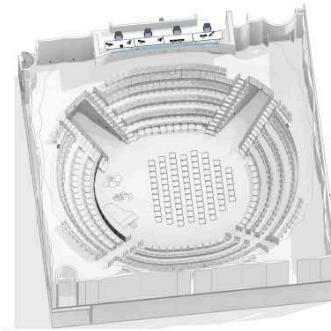
8 3D DIAGRAM - END STAGE - JAZZ ENSEMBLE - 29 (PERFORMANCE MODE)



10 3D DIAGRAM - END STAGE - LECTURE (PERFORMANCE MODE)



11 3D DIAGRAM - END STAGE - CHOIR IN WEST SEATING - 68-90 (PERFORMANCE)

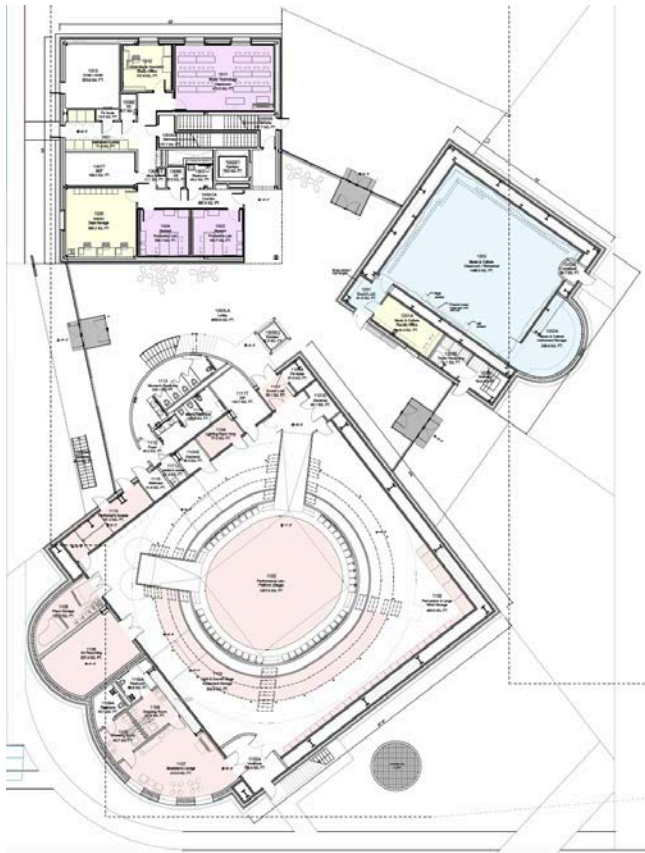


12 3D DIAGRAM - END STAGE - JAZZ TRIO - 3 (PERFORMANCE MODE)

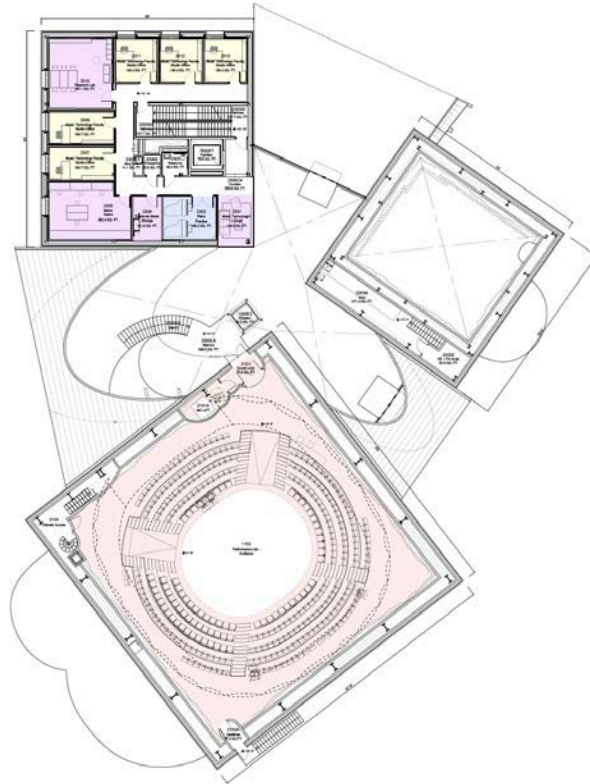
## Performance Lab – Layout Configuration



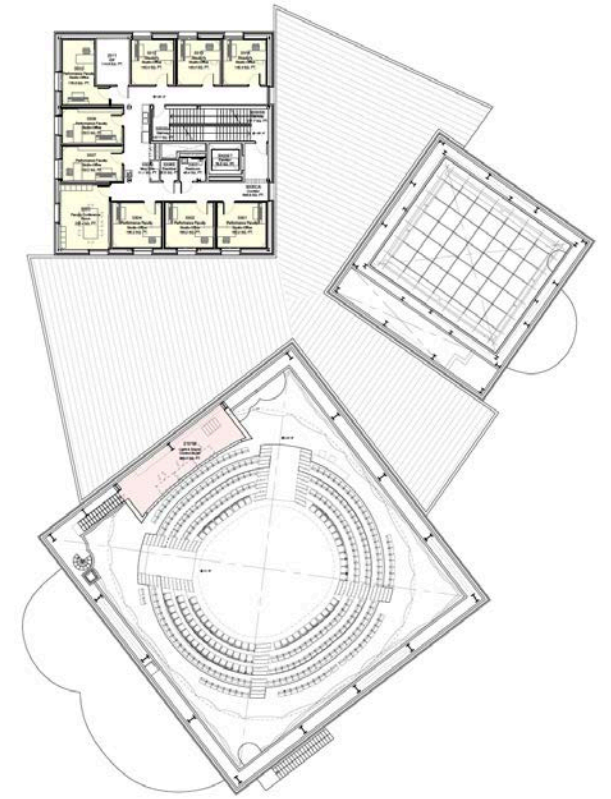
**Music and Culture - Interior**



1F

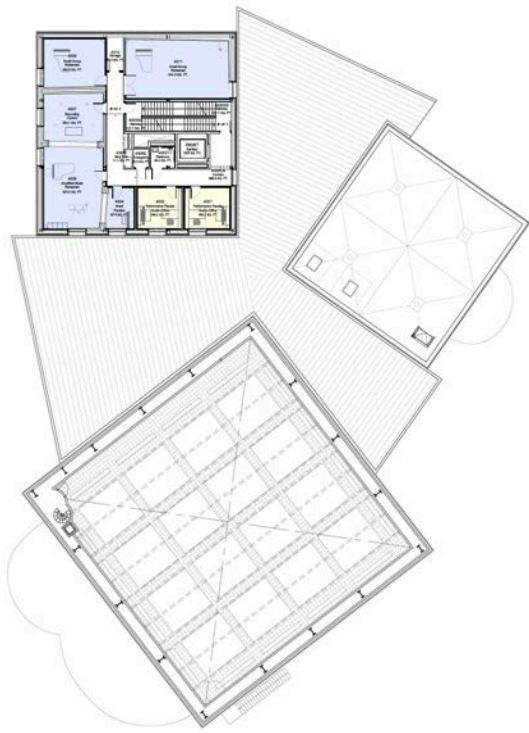


2F

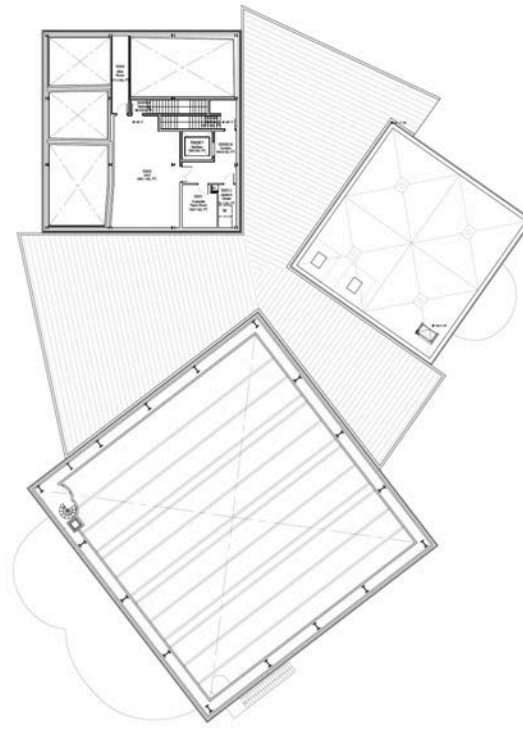


3F

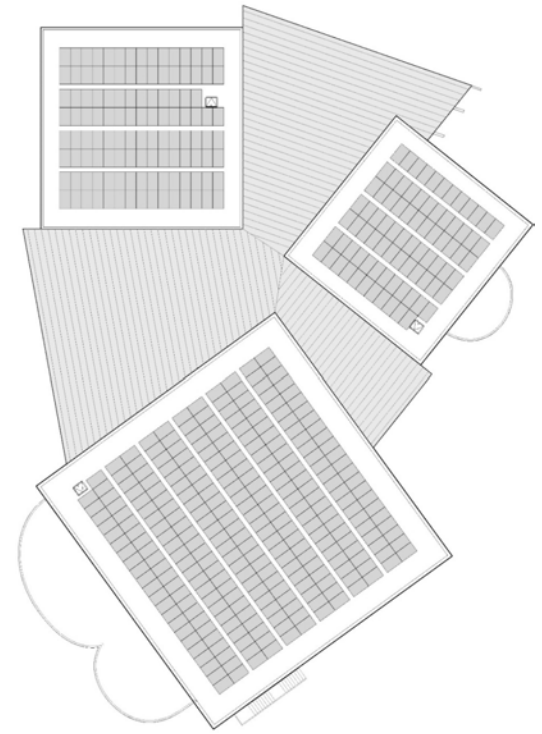
## Floor Plans



4F



5F



RF

## Floor Plans

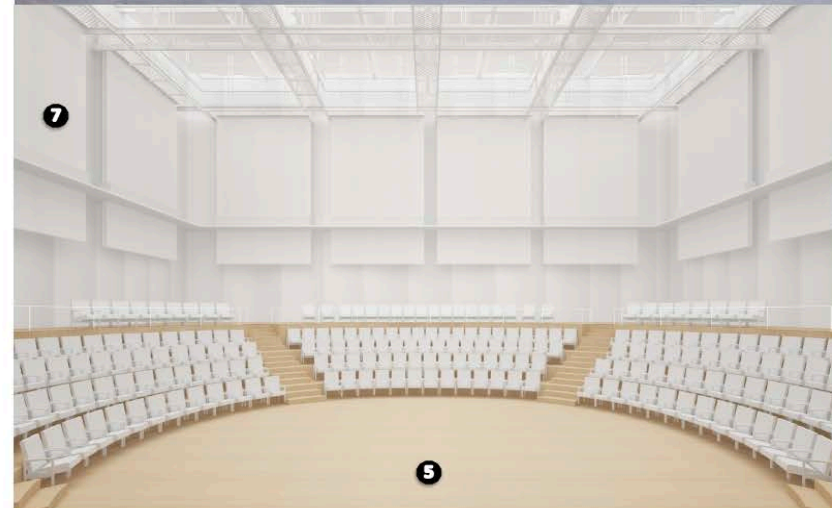
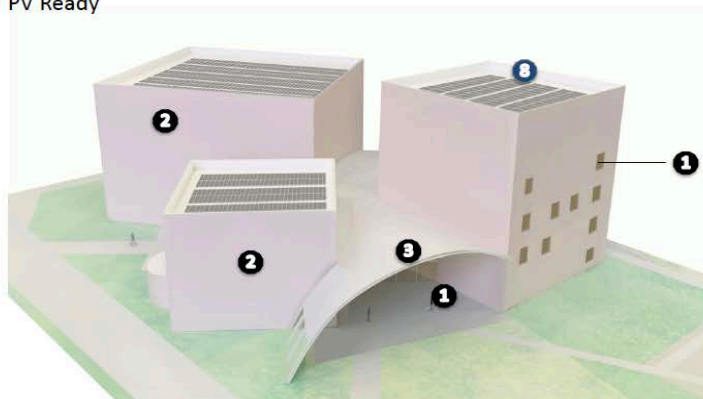
**High Performance, Healthy Building:**

The Music Building connects to MIT's efficient Central Utilities Plant to reduce the consumption of fossil fuels and their related greenhouse gas emissions. Heating and cooling loads are minimized through the use of passive and active strategies that reduce demand. Strategies include a high performing, insulated envelope, efficient lighting and equipment, demand control ventilation, energy and heat recovery, radiant flooring and displacement ventilation.

The project also uses non-toxic, low-emitting materials with an appropriate ventilation system to ensure a healthy indoor environment and support the transition of the building industry towards environmentally friendly materials.

*Legend:*

- ❶ High Performance Thermally Broken Windows, Frames and Curtainwall
- ❷ Highly Insulated, Air Tight Double Walls for Acoustic and Energy Performance
- ❸ Canopy Shading to Prevent Heat Gain
- ❹ Radiant Flooring
- ❺ Displacement Ventilation
- ❻ LED Lighting
- ❼ Low-Emitting, Non-toxic Materials
- ❽ PV Ready



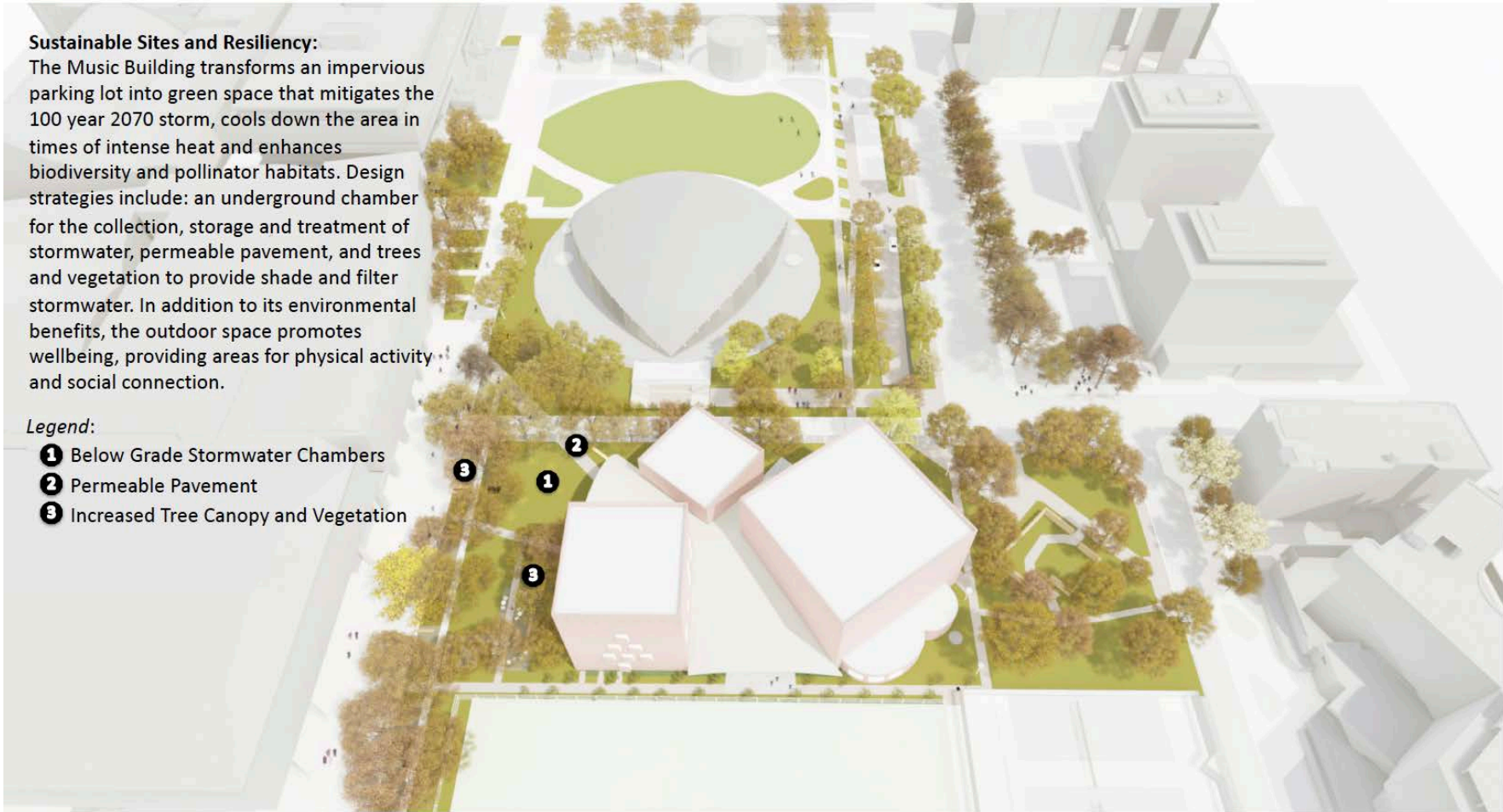
**Sustainability**

**Sustainable Sites and Resiliency:**

The Music Building transforms an impervious parking lot into green space that mitigates the 100 year 2070 storm, cools down the area in times of intense heat and enhances biodiversity and pollinator habitats. Design strategies include: an underground chamber for the collection, storage and treatment of stormwater, permeable pavement, and trees and vegetation to provide shade and filter stormwater. In addition to its environmental benefits, the outdoor space promotes wellbeing, providing areas for physical activity and social connection.

*Legend:*

- ❶ Below Grade Stormwater Chambers
- ❷ Permeable Pavement
- ❸ Increased Tree Canopy and Vegetation



**Sustainability**