Project Description

The New Dance Building is located on North Campus adjacent to the Earl V. Moore Building and an existing woodland lot. The new 24,000 gross square foot building includes four large, flexible studio classrooms, a 100 seat performance venue, cross-training, faculty offices, and administrative spaces.

The new facility provides space for all dance faculty and students to work together in one building, while the new Dance Building’s proximity to other School of Music, Theatre & Dance departments (SMTD) on North Campus promotes innovation and collaboration between the different SMTD disciplines.

- Site restoration included canopy trees consistent with species found in the existing woodlands as well as other species native to Southeast Michigan to increase diversity
- The system also acts as a stormwater retention system, allowing water to exit through an outlet basin using a flow device
- The landscape focuses on the wooded setting of North Campus with minimal use of landscape beds and mowed lawn areas
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Stormwater Management ▲

An underground infiltration bed replicates the natural site hydraulic process by recharging groundwater, providing 11,060 cubic feet of rainwater detention.

Woodland Stewardship

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Window-to-Wall Ratio

- Optimum window sizing and placement (26.5% window-to-wall ratio) maximizes thermal performance
- 92% of regularly occupied areas have a direct view to the outside, connecting to the wooded setting

View from northwest

Cross-training Studio

Section diagram

Dance Building

parking lot

stormwater infiltration system

steep slopes to south

Catch Basin
Rainwater enters the system through an open catch basin

Isolation Row
Rainwater is diverted through the isolator row where sedimentation is captured and water passes into the ground

Chambers

- During intense rain events, overflow enters a header pipe and flows into chamber rows where it infiltrates into the ground, avoiding diversion to the Huron River
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