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.

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.
• The system also acts as a stormwater retention system, allowing water to exit through an outlet basin using a flow device.

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
• Site restoration included canopy trees consistent with species found in the existing woodland as well as other species native to Southeast Michigan to increase diversity.
• The landscape focuses on the wooded setting of North Campus with minimal use of landscape beds and mowed lawn areas.

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.

Project Location: North Campus

Project Team
Owner
University of Michigan - School of Music, Theater and Dance
Architect
TMP Architecture, Inc.
Engineer
Peter Basso Associates, Inc.
Contractor
Kasco, Inc.
Commissioning Authority
U-M AEC
Project Management
U-M AEC

Design Period: 05/2018 - 07/2019
Construction Period: 09/2019 - 02/2021

* The higher the R-value the better the insulating quality
** The lower the U-value and SHGC the more energy efficient the window
*** The higher the VT value the more daylight in the space. VT is measured between 0 and 1.