

## Mosher Jordan Hall

**University of Michigan**

**Location:** Ann Arbor, MI

The Mosher Jordan Hall at the University of Michigan was recently renovated. The renovation included the addition of a new dining area which was 18' below the elevation of the existing building footings and remodeling of the existing dorm rooms.

The excavation next to the existing hall was constructed using a permanent ERS system which was a tangential augercast wall with permanent earth anchors and a structural shotcrete facing.

In addition to the permanent ERS wall, Micropiles were installed in both the outside and inside areas. The micropiles that were installed inside of the existing building were placed in 8' of headroom and were utilized to support the existing columns during the time they were removed and the new footing were placed at a lower elevation. The micropiles that were placed outside the building were installed to support the existing areaways during excavation. In these areas the permanent ERS system was not utilized as underpinning was required.

