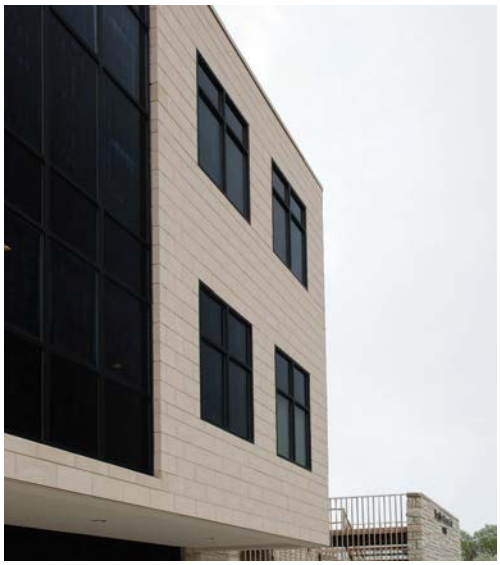
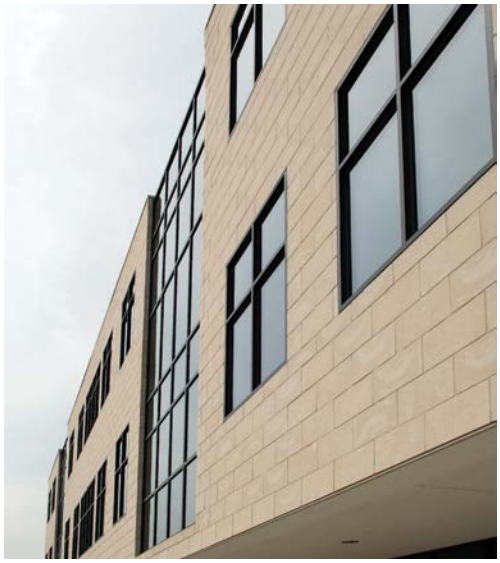
Project Focus

University of Toledo Snyder Hall ARRIS-clip Reclad





The Particulars:

- The Collaborative in Toledo Ohio designed this modern transformation of the existing Snyder Hall at the University of Toledo, incorporating ARRIS-clip Renaissance® units as an instrumental part of the re-clad and re-use of the building.
- The existing building was built in the 1950's and was originally slated for demolition; the original building while a central location on campus; didn't tie into any of the existing stone buildings that surrounded it.
- While re-cladding the building was a desirable option; existing structural limitations and budgets to re-clad with stone presented significant obstacles until ARRIS-clip was presented as an option.
- The Arriscraft stone ties in with the quarried stone which was reclaimed from another old campus building; the old ROTC.

The Project Highlights:

- 7,000 sq. ft. of Smooth ARRIS-clip Renaissance® units in the Oak Ridge color.
- The material cost; landed to the jobsite including the stone, anchoring system, screws, sealant, backer rod and other miscellaneous materials for the system was approximately $19.00/sq. ft. Actual installed labor costs are estimated to be $33.00 to $36.00 per sq. ft. for this project
- Material weight for the system and stone was approximately 20 lbs/sq. ft. for this project allowing for the re-clad to occur on much of the existing structure.
- Complete design, detailing and construction took place in 7 months with a collaboration between The Collaborative, University of Toledo, Rudolph Libbe, Arriscraft and Kuhlman Corp. Total construction time was 90 days.

Project:	University of Toledo Snyder Hall, Toledo, OH
Architect:	The Collaborative, Toledo, OH
Product:	Oak Ridge Smooth ARRIS-clip Renaissance® Units

University of Toledo Snyder Hall ARRIS-clip Reclad



The University of Toledo has had a long standing tradition of stone buildings on the main campus on the Centennial Mall. Snyder Hall, built in the 1950's, rests among these stone buildings on the Mall. According to Mr. Dan Adamski from The University of Toledo, it was slated for demolition since the design of the building was very dated compared to the surrounding stone buildings.

There was a desire to re-clad the building for reasons of sustainability and for the buildings namesake, the Snyder family, who are still very involved with the University. When the structural engineers studied the project however, they concluded that the existing structure could not support full bed masonry and thus some sort of curtain wall system would be necessary to consider. While many lightweight solutions were considered for re-cladding the existing building neither EIFS or metal panels would maintain and complement the architecture in the Centennial Mall. Stone was the desired finish so that the building appeared to be part of the existing campus. However, according to Regency Estimating Consultants natural stone curtain walls typically cost $65.00 per sq. ft. and this exceeded the project budget. The re-use of the existing building and tying it into it's surrounding environment seemed unlikely at this point.

According to Mr. Dave Serra from The Collaborative Inc., both The Collaborative and The University of Toledo have successfully used Arriscraft for over 15 years. In considering the use of ARRIS-clip for this application they also consulted Mike Muse (Partner of The Collaborative Inc.) who had successfully used ARRIS-clip at the Wayne campus of Akron University. This gave The Collaborative the confidence to propose ARRIS-clip for The University of Toledo. Mr. Serra noted that "once the decision had been made to use ARRIS-clip the design schedule was accelerated and construction was to be completed in 90 days. By utilizing the existing frame along with the speed of the installation, this aggressive schedule could be met with ARRIS-clip."

Mr. Adamski points out that "the renovation has finally tied together the mall area and the 90 day construction schedule was easily achieved with this system; and as a former mason, I was amazed at the installation".