

# PROJECT PROFILE

## RMAX ECOMAXCI® WALL SOLUTION

Anthony Wayne Drive Apartments  
Wayne State University  
Detroit, Michigan

## BUILDING SMART. BUILDING FOR THE FUTURE.

Environmental Impact with ECOMAXci® Wall Solution.

**ECOMAXci® Wall Solution  
eliminated the air barrier and  
gypsum, preventing the equivalent  
production of:**

**5,607,691 Plastic Straws or  
428,224 Plastic Bags and  
38,400 lbs of Gypsum**

Sustainability and environmental impact estimates are based on materials per project sq. ft. of insulated coverage and modeling software (e.g. Athena).

### PROJECT DESCRIPTION

Hamilton Anderson collaborated with Wayne State University and the University's housing partner, Corvias, to provide full design services for a much-needed new student housing project on Anthony Wayne Drive in Midtown Detroit. The project includes a mix of studio, one-, two-, and four-bedroom apartment styles for sophomores and juniors, and it helps the University meet the growing demand for on-campus student housing. The project also includes 30,000 square feet of retail along Anthony Wayne Drive, which will provide goods and services to both University and community users.

The building and site both extend the Wayne State brand and use sensitive architectural and streetscape design to facilitate connection between the mixed-use development and the academic core. The residential common spaces on the ground floor are intended to be flexible and adaptable to a variety of uses. On each floor, residents will find study rooms, social and game lounges, full kitchens, a dance studio, two large community rooms, on-site laundry facilities, and three courtyard areas.

The first phase of construction, which included an 11-story building with beds for nearly 400 students, was completed in the fall of 2018. The second phase of construction includes two additional towers, six and eight stories tall, to the north and south of the first 11-story structure. Phase two will be completed in June 2019 and will provide accommodations for approximately 400 additional students. The Anthony Wayne Drive Apartments will house the University's new Campus Health Center beginning in the fall of 2019.

Rmax worked with the design teams, providing assistance and detailing for the ECOMAXci® Wall Solution. Rmax also worked with the installer, Damico Contracting reviewing and how to best use the step-by-step installation guide for ECOMAXci® Wall Solution.

Rmax ECOMAXci® Wall Solution includes a thermally efficient continuous insulation board and Rmax R-SEAL branded tape and flashing. This solution has been tested in multiple NFPA 285 assemblies and is approved for use in exterior walls of buildings of any height.



Assembly: ECOMAXci® Wall Solution attached to steel studs.  
Masonry façade. ACM/MCM façade.

# TAKE ACTION.

Emissions being put into the atmosphere are causing significant and harmful effects on our communities, health, and climate. One step in reducing harmful emissions is by building with energy-efficient materials.

**In addition to material and labor savings,** ECOMAXci® Wall Solution eliminated approximately 50% of the negative environmental impact on this project by removing the air barrier and exterior gypsum.

Just Think - How much more can be saved by using ECOMAXci® Wall Solution on every building?

## ENVIRONMENTAL impact categories\*

**74% Less Ozone Depletion Potential**

**64% Less Eutrophication Potential**

**38% Less Acidification Potential**

**33% Less Smog Potential**

**28% Less Non-Renewable Energy**

**26% Less Global Warming Potential**

\*Sustainability and environmental impact estimates are based on materials per project sq. ft. of insulated coverage and modeling software (e.g. Athena).

## WHY RMAX ECOMAXCI® WALL SOLUTION

ECOMAXci® FR Air Barrier is installed continuously to reduce thermal bridging and block air and moisture. This wall solution is lightweight and easy to install, contributing to overall savings. Combined with Rmax R-SEAL tape and flashing, this solution has been tested to meet stringent fire code requirements and air and water barrier standards for the most effective, efficient building envelope design.

### ARCHITECT

Hamilton Anderson  
[www.hamilton-anderson.com](http://www.hamilton-anderson.com)

### GENERAL CONTRACTOR

Gilbane  
[www.gilbaneco.com](http://www.gilbaneco.com)

### INSTALLER

Damico Contracting, Inc.

### PROJECT TYPE

Student Housing / Apartments

### LOCATION

Detroit, Michigan

### PROJECT SIZE

180,000 sq.ft

### RMAX PRODUCTS USED

ECOMAXci® Wall Solution  
2.00" ECOMAXci® FR Air Barrier  
R-SEAL 3000  
R-SEAL 6000

### PROJECT STATUS

Completed

