

## MT. BETHEL UNITED METHODIST CHURCH – Marietta, Georgia

### NEW GYMNASIUM

**SCOPE** Provide mechanical systems design and construction phase services for HVAC, plumbing, and fire protection systems for new 13,000 sq. ft. gymnasium with a two-story support building attached to the gym. Support building is roughly 17,500 sq. ft. with additional exercise and meeting rooms, offices, locker rooms, restrooms, and concessions.



**Owner**  
Mount Bethel United Methodist  
Church

**Mechanical Contractor**  
Heritage Mechanical

**Prime Consultant**  
Collins Cooper Carusi  
Architects

**Construction Cost**  
\$4,500,000 (total)  
\$640,000 (mechanical)

### **SPECIAL CIRCUMSTANCES**

- Large percentage of outside air required by the 2000 IBC for gymnasiums.
- High latent load in exercise rooms.
- Building systems designed for partial building occupancy conditions where only concessions & two restrooms are in occupied mode, and rest of building is unoccupied.
- The systems consist of custom rooftop direct expansion air conditioning units with integral energy recovery wheels and a hot-water heating system located in the lower floor mechanical room.

