



Knowledge | Experience | Solutions

## BUILDING EXTERIOR SOLUTIONS

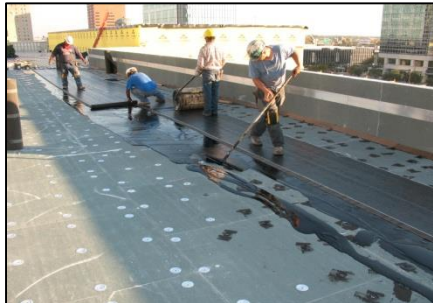
A Terracon Company

### PROJECT SUMMARY

The Downtown YMCA is a five story, steel-framed fitness facility located in Houston, Texas. The building was constructed for the YMCA of Greater Houston and includes an indoor grade-level pool, a suspended running track, indoor steam rooms, gymnasiums, and an integral parking garage. Kirksey is the Architect-of-Record and Tellepsen was the General Contractor.

BES provided review of the design for the YMCA's building envelope systems through reviews during the design development and construction document phases of the project for Kirksey's consideration. Technical specifications and details for the building envelope systems were provided to meet the Owner's requirements and provide proper integration of the building envelope systems. The building envelope systems designed included: a fluid applied air and vapor barrier, traffic coating for the parking garage, aluminum-framed glazed curtain wall/storefront, punched windows, composite metal wall panels, standing seam metal wall panels, brick masonry cladding, limestone cladding, and a modified bitumen roof system.

During construction, BES assisted Kirksey by providing submittal reviews, periodic observations of the building envelope systems, and recommendations for field conditions not addressed in the construction documents and shop drawings.



## THE TELLEPSEN FAMILY YMCA



### PROJECT LOCATION

Houston, Texas

### PROJECT TEAM

Owner- The Tellepsen Downtown YMCA  
Architect- Kirksey Architects, Inc.  
General Contractor- Tellepsen

### BES TEAM

Amy Peevey, PE, RRO, CDT -  
Principal/Partner  
Jerry Abendroth, RRC, RRO, CDT, CSI -  
Principal/Partner  
Kevin Palma - Associate III

### PRACTICE AREAS

Building Envelope Commissioning  
Design Peer Review  
Pedestrian Coating Waterproofing Systems  
Below-Grade Waterproofing Systems  
Vertical Air Barrier Systems  
Windows and Curtain Walls Roofing  
System Design  
Masonry Cladding Systems  
Metal Panel Cladding Systems  
Stone Cladding Systems  
Construction Observation

### Building Exterior Solutions

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