



Knowledge | Experience | Solutions

BUILDING EXTERIOR SOLUTIONS

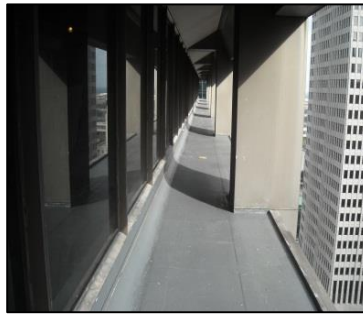
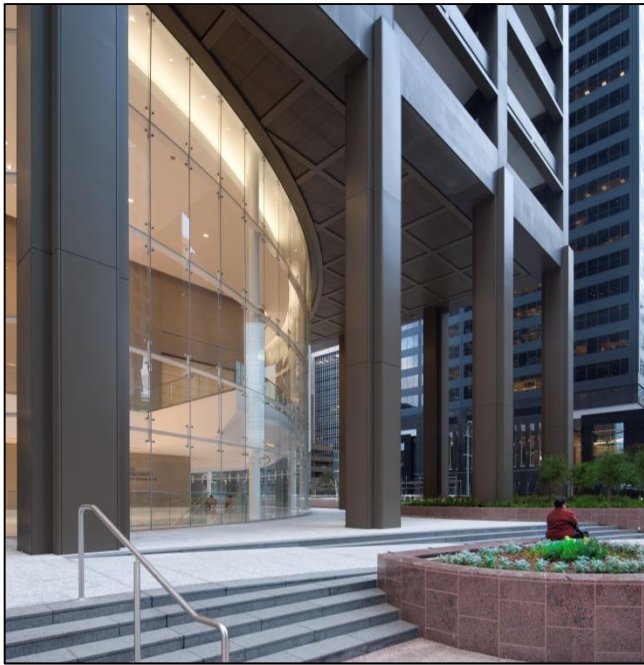
A Terracon COMPANY

PROJECT SUMMARY

The El Paso Building, constructed in 1963, consists of a 33-story steel-framed high rise located in downtown Houston, Texas. The building is currently undergoing renovation of interior floors and a podium area at the lobby of the building. As a part of the renovation, the building envelope was evaluated and repaired. Building envelope systems included: below-grade waterproofing, plaza waterproofing, glazed window wall, balcony waterproofing, and a modified bitumen roof system. Gensler is the Architect-of-Record and Gilbane is the General Contractor.

BES performed observations of the plaza tunnel and ramp waterproofing and provided repair and replacement solutions for the design team. BES designed a new roofing system which meets the Houston energy requirements and be sustainable far into the future.

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



THE EL PASO BUILDING



PROJECT LOCATION

Houston, Texas

PROJECT TEAM

Owner- El Paso Corporation
Architect- Gensler
General Contractor- Gilbane

BES TEAM

Jerry Abendroth, RRC, RRO, CDT, CSI - Principal/Partner
Amy Peevey, PE, RRO, CDT - Principal/Partner
Matt McElvogue, PE – Senior Associate

PRACTICE AREAS

Balcony Waterproofing
Window Repair
Waterproofing Design
Construction Observation
Plaza Design
Roofing System Design
Water Infiltration Remediation

TYPE OF CONSTRUCTION

Renovation/Restoration

PROJECT SIZE

1,200,000sq. ft.

COST OF CONSTRUCTION

\$156,000,000

Building Exterior Solutions

A Terracon Company
6975 Portwest Drive, Suite 100
Houston, Texas 77024
713.467.9840