

Adriana Alvarado | Senior Associate



EDUCATION

- Texas A&M University
 - Bachelor of Science, Construction Science, 1995

PRACTICE AREAS

- Life Safety
- Building/Egress Assessment
- Code Consulting
- Peer Review

PROFESSIONAL AFFILIATIONS

- International Code Council
- National Fire Protection Association
- Society of Fire Protection Engineers
- Texas Fire Protection Association

CONTACT

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EXPERIENCE

Adriana Alvarado is an industry expert with more than twenty years of experience in fire and life safety analysis, code consultation, and egress design. Throughout her career, Ms. Alvarado has headed life safety project teams and participated in various design and code consulting projects. Her experience includes new construction and existing/historical projects throughout the United States.

Prior to joining WJE, Ms. Alvarado was a project director and consultant for a large international fire protection engineering consulting firm. Her responsibilities included being the lead for life safety project teams, providing code consulting for project design teams, plan review services for determining compliance with local and/or state-adopted codes and amendments, preparing egress designs, and filling the role of the authority having jurisdiction.

REPRESENTATIVE PROJECTS

Life Safety

- Nashville International Airport - TN: Building code review and fire department access for multistory terminal expansion and renovation
- Harris County Justice Center - Houston, TX: Life safety review and code consulting for mitigation, restoration, and expansion project
- Stream Quadrangle - Dallas, TX: Code consulting and document reviews for proposed high-rise office building and stand-alone single- and two-story retail/assembly buildings, all located above below-grade parking
- George Bush Intercontinental Airport - Houston, TX: Code review and code consulting for new high-rise, robotically assisted baggage handling and storage building
- Medcore Assisted Living/Independent Living/Memory Care Development - Atascocita, TX: Building code review and code consulting for multistory, multiuse facility
- Cityplace Nexbank - Dallas, TX: Life safety review and consulting for change in occupancy of multiple levels of an existing high-rise office to hotel use; development of alternative methods of compliance and negotiations with the code official

Building/Egress Assessment

- McKinney Building - Dallas, TX: Life safety and fire protection condition assessment of existing three-level office building
- Tower of the Americas - San Antonio, TX: Life safety and means of egress assessment of existing high-rise assembly tower
- Cityplace Tower - Dallas, TX: Egress assessment of existing high-rise mixed-use assembly, business, and garage tower
- University of Texas at Austin, Jesse H. Jones Communication Center - Building B: Fire protection and life safety survey of existing business and assembly multistory higher education building

Code Consulting

- Mickey Leland International Airport - Houston, TX: Building code review, life safety survey, and consulting for new terminal building; remodel and expansion of existing Terminal D and expansion and renovations of existing federal inspection services concept design
- Baylor Scott and White Administrative Center - Dallas, TX: Life safety building code reviews and code consulting and development of alternative methods of construction for new high-rise
- Eastman Chemical Company Expansion - St. Gabriel, LA: Plan review and code consulting for new buildings to serve as offices, assemblies, and laboratories on existing site
- McKinney & Lemmon Office Tower - Dallas, TX - Code consulting and egress analysis for proposed mixed-use development to include high-rise office shell core towers and associated parking garage, retail spaces, and assembly spaces/floors
- Optima Lakeview - Chicago, IL: Code review and code consulting for new high-rise, mixed-use building containing residential, assembly, parking garage, and retail shell spaces

Peer Review

- University of Texas at El Paso, Sun Bowl Stadium: Plan review, code consulting, and site visit for existing stadium
- United States Air Force Academy, Visitors Center - Colorado Springs, CO: Building code reviews and code consulting