



#### EDUCATION

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

#### PRACTICE AREAS

- Life Safety
- Egress Assessment
- Code Consulting
- Peer Review
- Stadiums and Arenas

#### CERTIFICATIONS

- ICC Certified Building Plans Examiner
- ICC Certified Commercial Energy Plans Examiner
- ICC Certified Fire Plans Examiner
- ICC Certified Mechanical Plans Examiner

#### PROFESSIONAL AFFILIATIONS

- International Code Council (ICC)
- National Fire Protection Association (NFPA)

#### CONTACT

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*\*Indicates with previous firm*

#### EXPERIENCE

Adriana Alvarado is an industry expert with twenty-two years of experience in fire and life safety analysis, code consultation and egress design. Over 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 Project Director for Aon Fire Protection Engineering and a consultant for Jensen Hughes, Inc. 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 (Jurisdiction by State/Federal)

- University of Texas at San Antonio, Science and Engineering Building - San Antonio, TX: Building code reviews, consulting and alternative methods of construction for multistory laboratory building\*
- University of Texas Health Science Center at San Antonio, Barshop Building - San Antonio, TX: Building code reviews and consulting for a two-story laboratory building\*
- UC Health Highlands Hospital - Denver CO: Life safety building code reviews and code consulting for new high-rise hospital\*
- Burnett-Bayland Rehabilitation Center - Harris County, TX: State and local building code review of new juvenile detention facility on campus\*

##### Life Safety (Commercial/Private)

- Toyota Office Campus - Plano, TX: Building code review, code consulting, and development of alternative methods of construction/compliance for multibuilding campus, including high-rise office buildings with multiple high-occupant assembly use spaces, parking garages, and manufacturing buildings\*

- Liberty Mutual Headquarters - Plano, TX: Building code review, consulting, and development of alternative methods of construction and fire safety plan\*
- State Farm Corporate Headquarters - Plano, TX: Building code review and consulting of multibuilding site including high-rise office buildings and private garages\*

#### Egress Assessment

- Andeavor Headquarters - San Antonio, TX: Life safety egress survey, occupant load calculations and egress capacity for existing high-rise office building with multiple large assembly spaces\*
- Texas Tech University, Health Science Center - Lubbock, TX: Life safety survey of multistory laboratory, classroom, office building\*
- Bexar County Courthouse - San Antonio, TX: Analysis of existing Level 3 occupancy and egress systems and egress capacity\*

#### Code Consulting

- Mickey Leland International Airport - Houston, TX: Building code review and consulting for new terminal building
- Trammel Crow Center - Dallas, TX : Equivalency for volume expansion of existing atrium\*

#### Peer Review

- University of Texas at San Antonio, Alvarez Hall - San Antonio, TX: Plan review, code consulting and inspection services for multistory dormitory building\*
- Fort Bliss Hospital Replacement - Fort Bliss, TX: Review of multibuilding development including high-rise hospital, clinic, office building, and central utility plant\*
- University of Texas Office of Facilities Planning and Construction - Austin, TX: Code consulting, inspection services, and building commissioning for high-rise office and garage\*

#### Stadiums and Arenas

- University of Texas at Austin DKR Memorial Stadium - Austin, TX\*
- University of Texas at Austin, Erwin Center - Austin, TX\*