



PERSONNEL QUALIFICATIONS

Warren D. Bonisch | Principal



EDUCATION

- University of Maryland
 - Bachelor of Science, Fire Protection Engineering, 1984
 - Master of Science, Fire Protection Engineering, 1994

PRACTICE AREAS

- Smoke Modeling
- Code Consulting and Compliance Review
- Alternates/Equivalencies
- Egress Modeling and Analysis
- Fire and Life Safety Planning
- Fire Protection System Design/Analysis
- Peer Review

REGISTRATIONS

- Certified Fire Investigator and Instructor
- Prof. Engineer in AR, CA, CO, CT, GA, KY, LA, NM, TN, TX, and VA

PROFESSIONAL AFFILIATIONS

- National Fire Protection Assoc.
- National Society of Professional Engineers
- Society of Fire Protection Engineers

TECHNICAL COMMITTEES

- AIA Dallas, Codes and Standards
- SFPE CPD Standing Subcommittee
- SFPE Peer Review Subcommittee

CONTACT

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EXPERIENCE

Warren Bonisch is a nationally known expert in fire protection engineering, including fire and life safety analysis, egress design, performance-based design and analysis, code consultation, fire protection design and analysis, and related services for a wide range of structures and projects. His experience has included participation in numerous design and consulting projects, leading project teams, and managing projects. Mr. Bonisch is also recognized for his development of innovative solutions to code compliance issues. His experience includes both existing and new projects, nationwide and globally.

Prior to joining WJE, Mr. Bonisch was vice president at Jensen Hughes, where he led project teams in various large-scale projects nationwide. His experience spans thirty-four years in fire protection engineering, management, and operations—including thirty-one years with Schirmer Engineering/Aon Fire Protection Engineering, where he served in various roles, including senior vice president of the southwestern United States.

REPRESENTATIVE PROJECTS

Code Consulting and Compliance Review

- Charles Schwab Campus - Westlake, TX: Building code reviews and code consulting for mixed-use, high-rise office buildings and open parking garage
- 3001 Turtle Creek - Dallas, TX: Code consulting for high-rise speculative office building *
- State Farm Corporate Headquarters - Richardson, TX: Code consulting and building code reviews for high-rise office buildings and parking garages *
- AT&T Headquarters - Dallas, TX: Code consulting and plan review *
- JPMorgan Chase Headquarters Campus - Plano, TX: Code consulting and plan review of high-rise office building complex *
- Corgan Headquarters - Dallas, TX: Code consulting and building code review of new multistory office building and expansion of existing building *
- Texas Live High-Rise Hotel - TX: Plan review and code consulting for three hundred key high-rise hotel *

- Texas Live Entertainment Complex - Arlington: Plan reviews, code consulting, and code official negotiations *
- Dallas Holocaust Museum - TX: Plan review, code consulting, and Authority Having Jurisdiction negotiations for new multilevel museum, including atrium analysis *
- Irving Music Factory - Irving, TX: Code compliance reviews, code consulting, and code official negotiations *

Alternates/Equivalencies

- Trammel Crow Center - Dallas, TX: Equivalency for volume expansion of existing atrium *
- Toyota North America Headquarters - Plano, TX: Code compliance strategies, reviews, and code compliance equivalency *
- Food Hall - Plano, TX: Code compliance reviews, code consulting, code official negotiations, and code equivalencies for new multibuilding mercantile, retail, assembly, food court, and entertainment complex *

Egress Analysis

- WeWork - Houston, TX: Egress analysis of proposed renovations for full-floor, high-rise building renovations for higher-density business occupancy *

Fire and Life Safety Planning

- Liberty Mutual Headquarters - Plano, TX: Code consulting and development of fire safety plan for high-rise garage and office building *

Representative Aviation Projects

- Dallas-Fort Worth International Airport, Multiple APM Stations and Terminal D - TX *
- Dallas Love Field - TX *
- Nashville International Airport - TN
- San Antonio International Airport - TX *
- George Bush Intercontinental Airport (IAH) Terminal, New C North Concourse - Houston, TX *
- George Bush Intercontinental Airport, Mickey Leland International Terminal - Houston, TX *
- Miami International Airport - FL*

* Indicates with previous employer