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- CURRICULUM VITAE -

August 00 - Present **President**
Lourenco Consultants, Inc.
Washington, DC
Manages and directs operations of consulting firm in regulatory compliance, code consulting and related services, in support of the development industry and of municipal regulatory agencies. Directs firm's third-party compliance activities, encompassing plans certification and code compliance inspections. Represents clients before the Board of Zoning Adjustment and serves as expert witness on code and Zoning matters.

July 98 - July 99 **Acting Zoning Administrator**
Zoning Division – Building and Land Regulation Administration
Washington, DC
Oversaw the operation of the Zoning enforcement division of the District of Columbia, on an interim basis, personally and directly involved with all critical decisions of enforcement of complex Zoning cases.

June 98 - August 00 **Administrator**
Building and Land Regulation Administration
Washington, DC
Oversaw operations of an Administration with a budget of $6M, encompassing six Divisions: Zoning, Historic Preservation, Permit Processing, Fire Protection, Building Inspection and Surveyor's Office. Acted as Building Code Official for the District of Columbia. Directed a staff of 95, including 42 inspectors and 19 professional staff (engineers, architects and historians) with plans review and field inspection responsibility in the disciplines of zoning regulations, historic preservation law, official surveying records, construction, plumbing, mechanical, electrical, fire protection, boiler and elevator codes. The Administration processed and issued 35,000 permits annually, including 10,000 building permits.

Dec 97 - May 98 **Project Director, Schirmer Engineering Corporation**
Miami Regional Office, North Miami Beach, Florida
Started-up and managed new regional code consulting and fire protection engineering office of leading nationwide corporation. Directed office day-

BZA
Case No. 17034
Exhibit No. 15
Board of Zoning Adjustment
District of Columbia
CASE NO. 17034
EXHIBIT NO. 15

to-day operations and business development and managed projects in South Florida.

Dec 96 - Dec 97 **Project Director, Schirmer Engineering Corporation**
Washington Regional Office, Arlington, Virginia
Provided technical direction to the engineering staff of the regional office. Assisted the regional manager in the day-to-day operations and in business development and managed major nationwide projects within the purview of the office, including new anchor stores for a major upscale department store chain.

Aug 95 - Dec 96 **Senior Engineer, Schirmer Engineering Corporation**
Eastern Regional Office, Falls Church, Virginia
Responsibilities included oversight of consultation and design engineering services within the eastern regional office, including building and fire code consultation, as well as management of major projects within the purview of the office.

Feb 94 - Aug 95 **Deputy Director, Code Enforcement Bureau**
Fire Department, City of Alexandria, Virginia
Assisted the Director in the management of the Bureau, with a staff of 43 and a budget of $2M. Duties included oversight responsibility for the daily operations of the New Construction Inspections and the Administrative Division.

June 90 - Feb 94 **Program Manager, Permit Processing Division**
Building and Land Regulation Administration
Washington, DC
Managed the Division and headed the Permit Center, with a staff of 40, including 15 engineers. Division processes and issues 35,000 permits annually, including 10,000 building permits for a construction total in the order of one billion dollars. Had overseeing responsibility for the enforcement of the D.C. Construction Codes (including BOCA Building, Mechanical, Plumbing and Energy Conservation codes) in plan review. Ensured, through the permit issuance processes, the appropriate enforcement of other local regulations in areas as diverse as environmental impact, land use, historic preservation, health, water quality, sanitation, and noise control.

Jan 88 - Jun 90 **Chief, Mechanical Engineering Section**
Building and Land Regulation Administration
Washington D.C.
Headed the engineering section, with a staff of 5 engineers, including mechanical and plumbing plans review on an average of 10,000 building permits annually, including approximately 1,000 projects ranging from $75K to multi-million-dollar developments.

Occupied positions of progressively higher responsibility, through 1990, including Acting Chief of the Technical Review Branch (engineering plans review).

Sep 86 - Jan 88 **Mechanical Engineer, Mechanical Engineering Section**
Building and Land Regulation Administration
Washington D.C.

Formerly with the Portuguese Nuclear Safety Agency, since 1978, as a Mechanical Engineer and, since 1980 as a Nuclear Engineer specialized in Structural Mechanics.

EDUCATION

1979 - 1980 **MS Nuclear Engineering**
National Institute of Nuclear Sciences and Technology, Saclay, France
Major: Structural Mechanics

1966 - 1972 **BS Mechanical Engineering**
Lisbon University of Technology, Lisbon, Portugal
Major: Production Management & Mechanical Structures

PROFESSIONAL REGISTRATION

1989 Licensed Professional Engineer (P.E.) - Registered in District of Columbia.

1993 Certified Building Official (CBO) - Council of American Building Officials (CABO)

PROFESSIONAL CERTIFICATIONS

1994	Certified Plans Reviewer - NCPCCI	Mechanical Plumbing
1994	Certified Inspector - NCPCCI	Mechanical Plumbing
1995	Certified Plans Reviewer - NCPCCI	Building Fire Protection
1995	Certified Inspector - NCPCCI	Building Fire Protection

APPOINTMENTS AND MEMBERSHIPS

1996-Present Chair of the Issues and Policy Subcommittee of the Mayor's Building Code Advisory Committee (BCAC). District of Columbia

1997-Present Member of the Construction Codes and Standards Liaison Task Group of the Society of Fire Protection Engineers (SFPE).

1998 - 1999 Member of the International Mechanical Code Development Committee International Code Council (ICC)

1996 - 1998 Member of BCAC representing the Chesapeake Chapter of SFPE. District of Columbia

1996 - 1998 Active in several BCAC's technical subcommittee (Fire and Life Safety - Existing Structures). District of Columbia

1997 - 1998 Member of NFPA Technical Committee on Fire Protection of Nuclear Facilities Alternate - NFPA 801-805

1997 - 1998 Member of NFPA Technical Committee on Air Conditioning Alternate - NFPA 90

1994 - 1996 Member of the BOCA Code Interpretations Committee
Building Officials and Code Administrators International (BOCA)

1992 - 1994 Member of the Mayor's Building Code Advisory Committee (BCAC)
District of Columbia

1988 - 1994 Active in several of BCAC's technical subcommittees (Fire and Life Safety - Existing Structures - Mechanical - Plumbing - Accessibility)

1987- Present Member of Building Officials and Code Administrators (BOCA) International
1987 - 1993, Active Member representing the District of Columbia
1994 - 1995, Active Member representing the City of Alexandria
1995 - 1998, Professional member
1998 - 2000, Active Member representing the District of Columbia
2000 - Present, Professional member

1995 - 1998 Member of Southern Building Code Congress International (SBCCI)
Professional member

BUILDING CODES DEVELOPMENT

1990 - Present Proponent of numerous code changes approved by BOCA membership and currently in the BOCA Codes and International Mechanical Code (e.g., Chapters 10 and 11 of the Mechanical Code; Dead end aspect ratio exception)

1988 - 1991 Author or co-author of several of the current provisions of the D.C. Construction Codes (e.g., Chapter 36 - Existing Structures;

	Windows on lot lines; Smoke control provisions; Mechanical ventilation).
1996 - 1998	Author or co-author of numerous proposed administrative provisions of the 1999 D.C. Construction Codes.

PROFESSIONAL AFFILIATIONS

National Society of Professional Engineers (NSPE)
Society of Fire Protection Engineers (SFPE)
International Code Council (ICC)
Building Officials and Code Administrators International (BOCA)
National Fire Protection Association (NFPA)
Consulting Engineers Council of Metropolitan Washington (CECMW)