



Executive Chamber, City of Providence, Rhode Island

Vincent A. Cianci, Jr.
MAYOR

January 17, 1983

The Honorable Members
The City Council of the
City of Providence
City Hall
Providence, Rhode Island 02903

Dear Honorable Members:

Pursuant to Sections 302 and 1008 of the Providence Home Rule Charter of 1980, I am this day appointing Merlin A. DeConti Jr., of 45 Reardon Avenue, Riverside, Rhode Island, as Director of Inspection and Standard and respectfully submit the same for your approval.

Respectfully,

Vincent A. Cianci, Jr.
VINCENT A. CIANCI, JR.
Mayor of Providence

VAC

IN CITY COUNCIL
JAN 20 1983

READ AND APPROVED

Ree M. Mendonca CLERK

RESUME

Personal Data

Name: Merlin A. DeConti, Jr.
Address: 45 Reardon Avenue, Riverside, R.I. 02915
Telephone: 401 433-4556
Date of Birth: June 11, 1945
Marital Status: Married, one child
Height: 6 feet, 1 inch
Weight: 180 pounds
Health: Excellent

Educational History

Master of Science, Civil Engineering - June 1970

University of Rhode Island, Kingston, R.I.
Majored in structural analysis and design with an emphasis
on the use of the university computer in most courses.

Bachelor of Science, Civil Engineering - June 1967

University of Rhode Island, Kingston, R.I.
Graduated with distinction, member of Tau Beta Pi
(Engineering Honor Society) and Phi Kappa Phi
(Scholastic Honor Society), cumulative average - 3.31

Graduated, Cranston High School East - June 1963

899 Park Ave., Cranston, R.I.
Member of Rhode Island and National Honor Societies

Membership

Registered Professional Engineer, State of Rhode Island, 1974
Member of Rhode Island and National Society of Professional Engineers
Member of Rhode Island Building Inspectors Association
Member of New England Building Officials Association
Member of National Academy of Code Administration
Member of National Conference of States on Building Codes
and Standards, Inc.
Member of Building Officials & Code Administrators International, Inc.
Member of Rhode Island Association of Zoning Boards of Review
Member of Board of Directors, Elmwood Neighborhood
Housing Services, Inc.

Occupational History

a. City of Providence
City Hall

Position: Director, Department of Building Inspection

Time of Employment: January 1979 to present

Position: Acting Director, Department of Building Inspection

Time of Employment: September 1976 to January 1979

Work Performed: Administration of the Department of Building Inspection which included establishing department policies; promulgation of department rules, regulations and procedures to insure the proper enforcement of the Rhode Island State Building Code, the Providence Zoning Ordinance and related State and local laws and ordinances. Responsibilities include supervision of plan review; permit issuance; and field inspections; inspection of new construction, alterations and fire damaged buildings; condemnation of buildings unsafe because of structural weaknesses or potentials as a fire hazard; interpretation and explanation of the Rhode Island State Building Code and Providence Zoning Ordinance; processing all Building and Zoning violations in the Providence Municipal Court; and issuance of certificates of occupancy. Also, ex-officio member of the Providence Zoning Board of Review, Providence Building Board of Review, and the Historic District Commission

b. City of Providence
City Hall

Position: Chief Inspector, Structures and Zoning Division
Department of Building Inspection

Time of Employment: February 1975 to September 1976

Work Performed: Administration of the Division of Structures and Zoning, which includes the planning and directing of field inspections; supervision of field inspectors and clerks; establishing Division procedure and policy; review of plans to ensure their compliance with the Building and Zoning Ordinance of Providence; processing of Building and Zoning violations from initial inspection to prosecution in the Providence Municipal Court; representation of the Department of Building Inspection in an advisory capacity at both the Building Board of Review and Zoning Board of Review. In addition, worked closely with City Officials, Community and Business leaders to reduce the number of vacant and abandoned houses being demolished within Providence. Appointed by the Mayor to the I.P.A. Neighborhood Economic Revitalization Task Force and the Kettering Foundation Grant Task Force.

- c. Self employed as a Consulting Civil Engineer on a part-time basis.

Time of Employment: August 1974 to present

Work Performed: Perform consulting civil engineering which included structural design, designing subdivisions, design of individual sewage disposal systems, land surveying, drainage design and water shed studies.

- d. American Engineering Corporation
1478 Atwood Avenue, Johnston, R.I.

Position: Associate Engineer

Time of Employment: May 1973 to February 1975

Work Performed: Supervised and reviewed all work performed by surveying crews and draftsmen to ensure all work was performed correctly and within the required time schedule and budget. Performed the designing and engineering necessary to develop subdivisions of land from the field survey in accordance with the applicable subdivision requirements and zoning ordinances. This included designing road patterns and lot configurations, complete design of all roads, design of storm drainage and sewer systems, and representation of clients at necessary planning board and council meetings. Additional responsibility included general consulting on structural engineering problems, reinforced concrete design, water shed studies, and occasional surveying field work.

- e. General Dynamics Corporation, Electric Boat Division
Eastern Point Road, Groton, Connecticut

Position: Research and Development Engineer,
Computer Applications Group/Shock and
Vibration Section

Time of Employment: September 1970 to May 1973

Work Performed: Developed computer programs for use by all engineering departments involved in structural analysis and design. Each program required the development of an estimate (cost and calendar time), familiarization with the particular engineering principles to be applied in the program, development of the necessary algorithms and logic, programming of the logic, performing the necessary check-outs to ensure that the program is working properly, and preparation of complete documentation for all users. In this capacity, I developed a program which enabled the computer to graphically display any two or three dimensional structure, both before and after loads had been applied. In addition, I developed a program to calculate section properties and stress coefficients for any beam having an irregularly shaped cross section. I also helped to develop a structural analysis and design program for the Office of Naval Research.

- f. General Dynamics Corporation, Electric Boat Division
Eastern Point Road, Groton, Connecticut

Position: Research and Development Engineer,
Structural Analysis Group/Shock and
Vibration Section

Time of Employment: June 1968 to September 1970

Work Performed: Performed structural analysis of three dimensional steel beam, plate, shell and piping ship structures for adequacy due to static and/or dynamic (shock) loading using computer programs developed at Electric Boat. Each analysis included the development of a mathematically equivalent model of the structure, analysis of the mathematical model using available computer programs, thorough review of the computer results to verify their correctness and a final technical report. The final report included all assumptions made in developing the mathematical model, a technical analysis of the computer results, and recommended design changes to enable the structure to withstand the required loading.

- g. State of Rhode Island, Department of Roads and Bridges

Position: Engineering Aid

Time of Employment: Summers - 1964 and 1965

Work Performed: Performed work of inspection nature; verifying proper amounts of material used; testing materials to meet State specifications; surveying to check grades; and inspecting bridge structures to insure they were constructed according to the approved plans.

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DEPT. OF CITY CLERK
PROVIDENCE, R. I.