

The City of New York  
HOUSING AND DEVELOPMENT ADMINISTRATION  
Department of Buildings

DIRECTIVE NO. 16 OF 1971

To: Borough Superintendents

Date: October 5, 1971

From: Thomas V. Burke  
Director of Operations


Subject: Data on Mechanical  
Plans.

1. Section C26-116.3(a) requires that plans for air conditioning and ventilating systems indicate the index for ventilation for each room or space. In cases where there are rooms with the same number of square feet of floor area per person, it shall be sufficient to indicate a typical ventilation index computation for a specific room or space in a building where the ceiling heights are uniform and the net floor area per occupant is typical and where the supply of air per cubic foot per minute per sq. ft. is the same, even though the rooms may be of varying dimensions. Plans will be required to indicate the amount of air to be exhausted or supplied from each outlet, for each room or space, and the typical ventilation index for the rooms.
2. Plans for heating systems shall indicate the amount of heat in Btu per hour to be provided in every room to maintain the minimum space temperature requirement listed in table 12-1 of section C26-1204.1. Computations shall be based on Reference Standard RS 12-1, but need not be shown on submitted plans. In cases where specific questions arise as to the adequacy of design figures, computations may be requested.
3. General notes on plans indicating compliance with the code as to materials and equipment and methods of installation, shall be indicated with sufficient detail to show the nature and extent of required construction and applicable section number. It shall not be required to list the complete and exact wording of code section. Details of fire retarding and other construction must be shown to indicate what is required.
4. Weights of mechanical equipment are to be shown on the mechanical plans since structural drawings do not normally indicate these weights of specific model numbers. The plan examiner is to compare the mechanical plans with the structural drawings and to determine whether allowances for the mechanical equipment have been made in the structural design of the building. In cases where small units are used for individual tenant spaces and structural drawings are not filed for the proposed work, the examiner shall require that where the loading exceeds the approved live loads, that computations be filed to show the adequacy of the structural supports.

TVB/df

CC: Exec. Staff  
Industry

Mr. Howard Molk, Chairman,  
Mechanical Codes Committee,  
N.Y. Assoc. of Consulting Engineers, Inc.

  
Thomas V. Burke  
Director of Operations