



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES

60 HUDSON STREET, NEW YORK, N. Y. 10013

CHARLES M. SMITH, Jr., R.A. *Commissioner*

312-8100

December 20, 1989

GEORGE E. BERGER, P.E.

Acting Deputy Commissioner

Technical Affairs

(212) 312-8120

Mr. Dominick DePinto
Ambrosino, DePinto and Schmieder
Consulting Engineers, P.C.
275 Seventh Avenue 21st. Fl.
New York, N.Y. 10001

RE: Smoke Control Requirements

Dear Mr. DePinto:

Your letter, dated November 30, 1989 to Deputy Borough Superintendent Sobel has been forwarded to my office for review and response.

1. Section 27-777.1(b) is applicable to all new buildings classified in all listed occupancy groups regardless of height.
- 2A. Section 27-777.1(a)(6) requires both smoke and heat dampers whenever a duct penetrates a fire rated construction in all listed occupancy groups regardless of height with the exception of the provisions of Section 27-343. These requirements are for the installation of new ducts.
- 2B. This section does not require new smoke dampers in an existing ducts with fire dampers.
- 2C. Section 4-2.1(d) of RS 13-1 does not permit any duct opening in fire division that will spread smoke from one fire zone to another. If you do need a duct opening here, Section 4-4 of RS 13-1 will require you to install smoke dampers. However, Section 27-777.1(a)(6) does supercede smoke control requirements of RS 13-1. It has no requirements for duct opening in the fire division. It will require both smoke and heat dampers at duct in the fire division.

Very truly yours,


George E. Berger, P.E.
Acting Deputy Commissioner

GEB:NTP:lg

cc: Commissioner C. Smith, Jr., R.A.
Executive Engineer I. Polsky, P.E.
Borough Superintendents