SECTION 15304C – SPRINKLER HYDRAULICS FOR RESTORATION AND RENOVATION

PART 1 – GENERAL

1.1 RELATED SECTIONS

A. Section 15301C -- Sprinkler Hydraulics for A/E Firms

1.2 DESIGN PROCEDURES

A. Performance type sprinkler specifications are generally unacceptable except for minor system modifications where a limited number of sprinklers are relocated to suit ceiling changes.

B. The Design Engineer shall perform hydraulic calculations for all new sprinkler and standpipe systems when the system is modified by additional outlets or change in occupancy, hazard classifications, density or area of application.

C. The contractor shall also be required to perform hydraulic calculations based on the FM approved design criteria to confirm that the final Working (Fabrication) Drawing Layout is sufficient to provide sufficient pressures and flows.

1.3 HYDRAULIC CALCULATIONS

A. Hydraulic calculations shall be performed as elsewhere defined in Brown Guidelines.

END OF SECTION