

LEGISLATIVE OFFICE BUILDING

CONCORD, NEW HAMPSHIRE

SFC Engineering Partnership, Inc., (SFC) was invited to assist in the rehabilitation of the NH Legislative Office Building following a construction fire which destroyed much of this historic building's interior. During reconstruction, several building methods and surface finishes were utilized to preserve the historic character of the building. These measures included the use of intumescent coatings to provide a degree of heat insulation and fire protection to the underlying walls, ceilings, and historic architecture. Focused sprinkler protection systems were utilized to concentrate water on probable areas of combustion while minimizing the overall use of water. Special low flame spread finishes were also utilized to slow the progress of, and assist in the containment of, any fire that might develop. All of these measures were designed to preserve the historic integrity of the building, and to help minimize fire and collateral water damage while preserving the life safety aspects of this important public building.

Sprinkler pipes and heads were carefully laid out so that they would be hidden from the view of the general public. In addition, a complete upgrade of the sprinkler system and fire pump were performed and the building fire alarm system was upgraded to meet current codes. During the process, **SFC** worked closely with Jim Garvin, State Architectural Historian, to assure the historic character of the building was maintained.

OWNER
NH Division
of
Historical Resources

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SCOPE OF SERVICES
• Fire Protection Engineering



REPRESENTATIVE PROJECTS

