

Fire Investigation and Building Assessment at 4820 Columbus St.

Location:
Virginia Beach, Virginia

Client:
Rolyn Companies, Inc.
2850 Ansol Lane
Virginia Beach, Virginia
23452

Cost:
\$1,800,000.00

Completion Date:
June 2008

The structural engineering firm of ABC Consulting, Inc. was retained by Rolyn Companies, Inc. to provide a warehouse assessment and to investigate the structural condition of the warehouse that caught on fire Monday, March 10, 2008. The fire burned for approximately 10 hours before it was extinguished. According to the Fire Chief the fire's temperature reached approximately 1600°F in some areas and was sustained for hours at this level. Steel will deform and will lose 50% of its yield strength as its temperature reaches around 1200°F. ABC Consulting, Inc. provided an extensive report that was used to document the damage and ultimately assisted the owner with the insurance claim.

