



**S.W. COLE**  
ENGINEERING, INC.

• Geotechnical Engineering • Field & Lab Testing • Scientific & Environmental Consulting

## DAILY CONSTRUCTION REPORT

**Project:** Residence Inn By Marriott

**SWCE Project No.:** 06-0726.2

**Client:** Norwich Partners, LLC

**Client's Rep.:**

**Date:** 11-25-08

**Weather:** Rain/Windy 35°

**Work in Progress:** East Coast Fireproofing Co., Inc. was completing patch work on the ground floor columns at line I-L.

**Work Performed by SWC Rep.:** Testing and inspection of Sprayed Fire-Resistive Materials.

**General Observations, Discussions, Etc:** S. W. Cole Engineering, Inc. (S.W.C.E) made site visits as scheduled by Ledgewood over the last 5 months to test and inspect the spray-on fireproofing applied by East Coast Fireproofing. Tests performed on each floor consisted of thickness, density, and adhesion. Results were verbally communicated to Ledgewood. The majority of tests completed to date appear to be in accordance with approved submittals although a few deficiencies have been identified. Deficiencies were found at: gas vent line P-21.6 and line S-31, elevator shaft lines S-N, 29-30, and both stairways. S.W.C.E. observed that deficiencies at gas vents and elevator shaft were caused by openings in roof where rain water washed the fireproofing away from the substrate. Deficiencies at the stairways were due to incomplete work. Specific deficient locations were provided to both Ledgewood and East Coast Fireproofing. Per conversation with East Coast Fireproofing it was determined that the week of 11/17/08 the substrate temperature dropped to 16°. Ledgewood approved the use of an accelerator to ensure fireproofing bonded to substrate and work continued. S.W.C.E. spoke to Ledgewood about the substrate temperature specifications and that a minimum ambient and substrate temperature of 40°F shall be maintained during and for a minimum of 24 hours after application of the spray-on fireproofing. Ledgewood understood the temperature specifications and discussed scheduling S.W.C.E to re-test once windows were installed and heat turned on inside building. The areas identified in this report will need to be re-tested as well as other possible areas that are identified as work continues.

**On Site:**

**Attachments:** Photos

**Sheet:** 1 of 1

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GRAY, ME OFFICE

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**SWC Rep.:** V. Terrell

**Rev. by:** RED

The SWCE field representative is on-site at the request of our client to provide construction materials testing and to observe and document construction activities. The contractor has sole responsibility for schedule, site safety, methods, completeness and quality of the work.



2008/11/25



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