
TO	Robert Harvey	FROM	Gary F. Panariello, Ph.D., P.E.
COMPANY	LMDC	DATE	August 20, 2007
RE	Post Fire Structural Assessment	PROJECT NO	25469.04
CC	James Feuerborn (TT), Tim Lynch(DoB) James Abadie (Bovis), Dennis Prude (Bovis),	PROJECT NAME	130 Liberty Street Deconstruction

Following the building fire of August 18, 2007, Thornton Tomasetti personnel (TT) visited the building and scaffold with the New York City Department of Buildings Forensic Engineering Unit for the purpose of observing the condition of the structural frame of the building and scaffolding system.

Structural damage to the building was observed on floors 15, 16, 17, 18, 19 and 20, between grid lines 1, 2, D, and E and appeared to be limited to deflected beams and concrete slabs. This is the center bay on the south face of the building. These bays are currently stable under their own dead load. TT is developing shoring schemes for these locations to further enhance their load carrying capability. No material or equipment should be stored, and no work should be performed on these floors within the area bounded by grid lines 1, 3, C and F (except for shoring).

The damage that was observed does not affect the overall structural stability of the building. The building is stable and work can continue outside of the damaged zone identified above (and inside the damaged zone once the shoring is installed).

The scaffold appears to be structurally sound with a limited number of tie back connections that need to be re-secured. The scaffold has a significant amount of debris on it that needs to be removed and the planking and protection systems needs to be reestablished.

The south hoist, which occupies the same bay as the damaged structure must be removed down to below the 15th floor.

