

## January 2010 Progress Report on the Abatement and Deconstruction of 130 Liberty Street

### Deconstruction Status

As of January 29, 2009 LMDC contractor Bovis Lend Lease is continuing deconstruction of the 22<sup>nd</sup> floor. The 23<sup>rd</sup> floor is mostly complete, except for some remaining steel columns. Since deconstruction resumed in mid-November workers have removed the remaining half of the 27<sup>th</sup> floor as well as the 26<sup>th</sup>, 25<sup>th</sup>, 24<sup>th</sup> and now 23<sup>rd</sup> floors.

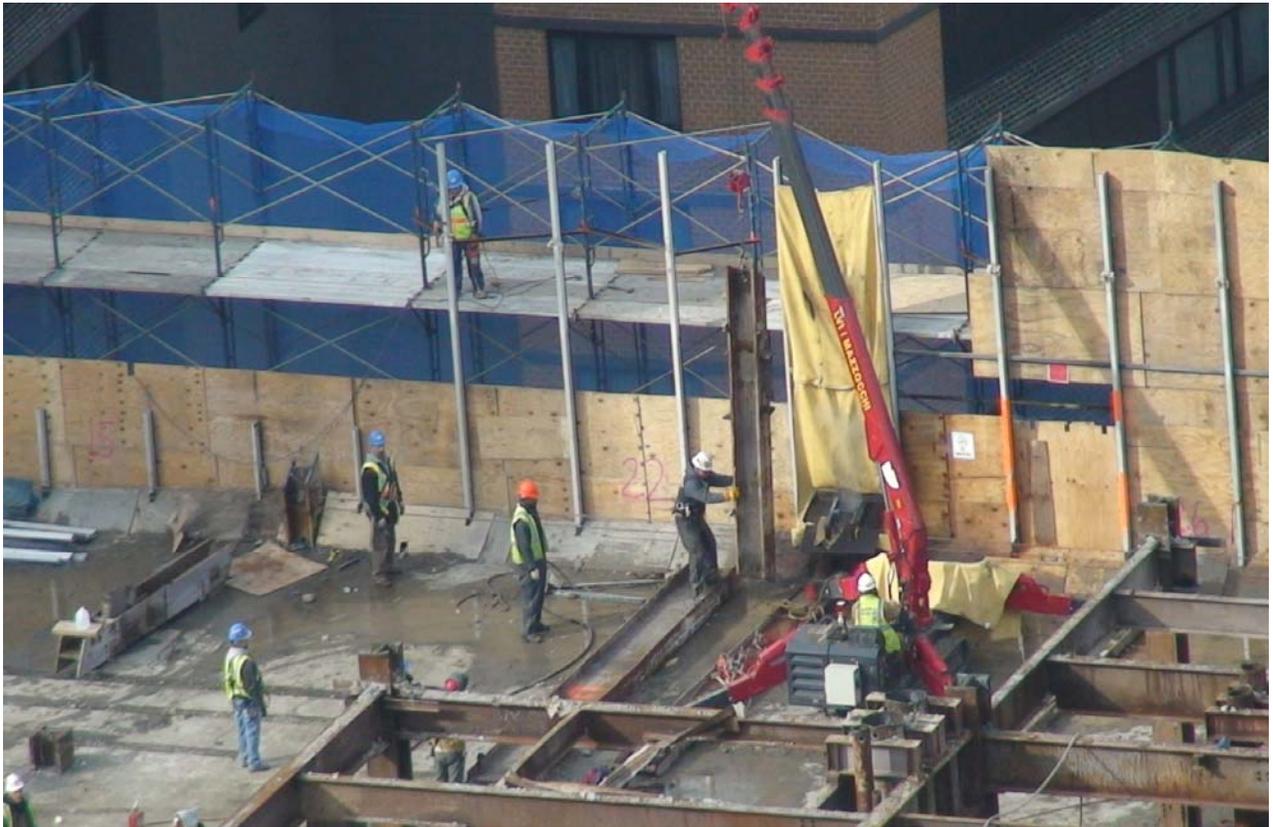
The contractor has begun to install scaffolding protection on the 18<sup>th</sup> and the 19<sup>th</sup> floors in advance of deconstruction on those floors. The tower crane was lowered from the 27<sup>th</sup> floor to the 24<sup>th</sup> floor on January 16, 2010, and the hoist for the tower crane was lowered from the 19<sup>th</sup> floor to the 17<sup>th</sup> floor on January 17, 2010.

*In this and future progress reports, LMDC will be including useful information about elements of the deconstruction. This month's report will focus on equipment in use at the site.*

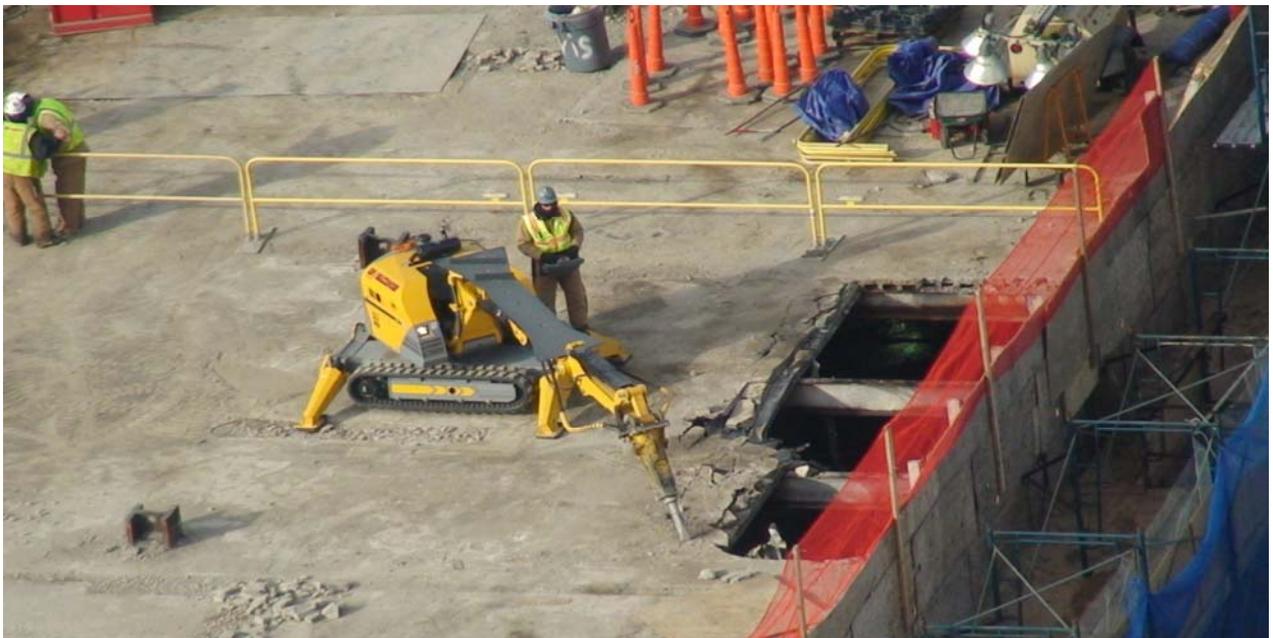
### Equipment Used During Deconstruction



**Skid Steer Loader** - used to move building materials such as steel on the deck of 130 Liberty Street. Their small size and maneuverability allows them to operate in tight spaces.



**Spyder Crane** – the small size and maneuverability of these mini-cranes allow them to be used where other cranes cannot go. On the 130 Liberty Street project the mini-cranes are used to access the interior of the building, hold steel in place, and lower steel onto the deck.



**Brokk Demo Robot** – used to break the concrete floor panels at 130 Liberty Street. The remote control access allows for construction workers to conduct the operation at a safe distance from demolition of the concrete flooring.



**Scissor Lift** – used at 130 Liberty Street to hoist welders up to the steel beams.



**Tower Crane** – a common fixture at any major construction site. They often rise hundreds of feet into the air, and can reach out just as far. The construction crew uses the tower crane to lift steel, concrete, large tools like acetylene torches and generators, and a wide variety of other building materials. On the 130 Liberty Street project the tower crane is used to lower large containers from the working deck to the ground. (As of January 29, 2010)

*For more information about 130 Liberty Street click [here](#).*