

J.L. HUDSON'S – Detroit, MI

Demolition . Abatement . Detroit, Michigan

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The store was built in 12 separate stages, the first in 1911 and the last in 1946. The complex had two retail basements and 23 above grade retail floors, including mezzanines. Two additional basements and six upper stories in a tower, provided storage and mechanical support for the 2.2 million square foot building. In all there were 33 levels in the structure.

General Project Scope

Homrich was contracted to perform the demolition of the 2.2 million sq. ft. building that reached 25 stories tall and heights of 410' above grade:

- Removed all interior nonstructural items from the four basement levels to allow for the explosive charges to be placed for proper felling of the building.
- Installed cable ties to the exterior columns on several floors to aid in the felling of the structure.
- Providing, placing and compacting 60,000 tons of backfill material in the buildings basements prior to the implosion to assist in supporting the basement walls which reached heights of 60 feet.
- Included the removal of approximately 200,000 tons of concrete and hardfill building materials.
- Processing, preparing and recycling of 35,000 ton of scrap materials.
- Following the implosion and debris removal, we designed and installed a structural support system to retain the basements walls that reached 30-40' in depth.
- Providing, placing and compacting an additional 90,000 tons of backfill material in the buildings basements following the implosion.



TOTAL DEMOLITION

HOMRICH

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