

# SELECTIVE DEMOLITION AND RETRO FIT

Former BASF Chemical Plant 1740 Whitehall Rd, Muskegon, MI 49445

## MELCHING, INC.

**Client:** Gilbane & Cytiva  
melchingdemolition.com

### Project Overview

This multi-phase industrial retrofit project centered on a 50,000 sq. ft., six-story, 80-foot-tall former chemical processing building on a 5-6 acre campus. Melching performed full selective demolition to prepare the facility for pharmaceutical-grade production, removing obsolete vessels, tanks, platforms, structural components, and extensive process piping.

Working under the direction of Gilbane, one of the world's leading construction management firms, Melching delivered a clean, ready-for-installation structure as part of a major redevelopment effort.



**MELCHING  
MAKES WAY  
FOR BIG  
PLANS**

### Approach

- Selective demolition of six-story facility
- Removal of vessels, tanks, and platforms
- Dismantling of heavy, elevated equipment
- Plasma torches and clean-cutting methods
- 300-ton crane for high-elevation removals
- Removal of process piping across the site
- Demolition of multi-story steel structure
- Delivery of a clean, open building ready for pharmaceutical upgrades

### Material Recovery & Recycling

- Recovery of high-grade metals and steel
- All recyclable materials processed
- Efficient separation and hauling workflows
- Strategic recycling minimized landfill waste

### Environmental & Safety

- Operated under Gilbane guidelines
- Daily safety briefings/multi-level oversight
- OSHA-certified rigging/elevated controls
- Plasma cutting to limit dust and sparks
- Zero significant incidents

### Equipment & Resources

- 300-ton crane for vessel extraction
- High-capacity forklifts for 80-foot elevation
- Excavators with shears and grapples
- Precision plasma cutting equipment

### Schedule & Results

- Crew size up to 40
- Completed safely under regulatory oversight
- Delivered a fully cleared structure
- Earned Gilbane accomplishment award



# SELECTIVE DEMOLITION AND RETRO FIT PHOTOS

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