



# Cleveland State University

Office of the University Architect

## Cleveland State University Viking Hall & Kinko's Building Demolition Construction Waste Management Plan

**Project:** CSU Center for Innovation in Health Professions  
2112 Euclid Ave  
Cleveland, OH 44115

### Construction Waste Management Objectives

1. Salvage or recycle a minimum 75% by weight of total non-hazardous solid waste generated by the work excluding soil or land clearing debris, with a goal of diverting 95% of waste generated.
  - a. Viking Hall is a 13-story, cast-in-place concrete structure that was formally a Holiday Inn hotel. The exterior skin consisted of cast-in-place concrete along with aluminum glazed storefront systems at the end of bays.
  - b. The Kinko's Building (formally Wolfe Music) is a 3-story, steel and concrete structure. The street façade is a glazed terra cotta brick, with the sides and rear consisting of brick masonry.
2. Comply with the criteria and documentation requirements of Materials and Resources Credit MR 2 – Construction Waste Management and Disposal, Divert minimum of 75% from the landfill of the U.S. Green Building Council LEED – NC 2009 with a goal of obtaining a LEED Silver certification.
3. Designate a place(s) for recyclable bins/dumpsters on job site.

### Plan Implementation, Oversight and Enforcement

1. The Construction Waste Management Plan will be managed by Cleveland State University.
2. B&B Wrecking is contracted for the demolition and recycling efforts. Materials are to be separated on-site and hauled off-site to the recyclers.
3. Concrete and other masonry waste from the building demolition will be ground on-site and used as engineered fill at the same location for the new building pad.
4. B&B Wrecking will collect a log of the recycled material throughout the construction phases. The log will track the total amount of salvaged and recycled materials by weight. The amount of the materials sent to the landfill by weight and the overall salvage rate for the project will be recorded and updated. The process will be presented to the owner.
5. NOTE: Excavate soil and land-clearing debris does not contribute towards the recycling/diversion rate and will not be included in the waste calculations.



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## **Targeted Materials for Recycling**

1. Concrete
2. Steel
3. Masonry and CMU
4. Copper
5. Aluminum
6. Piping
7. Electrical Conduit

## **Sorting Methods**

1. Sorting of material will be done onsite. Due to the fact that the buildings had hazardous abatement prior to full demolition, C&D waste will be minimal since many of the interior finishes were removed during abatement.

## **Materials/Equipment Protection Methods**

All reusable materials will be stored on site in secured storage containers. The Project Manager, Superintendent, and LEED AP will periodically be notified on the efforts on the Construction Waste Management logs.

## **Closeout Documentation**

1. B&B Wrecking will provide a final log of all waste and the final recycled/diversion rate for the project.
2. B&B Wrecking shall provide a copy of all waste haul tickets/ receipts, which shall coordinate with the information provided in the waste diversion reports.

## **Meetings and Communication**

If needed, the Construction Waste Management Plan will be updated utilizing the recycling reports received. Individuals on site will address any issues that may arise related to the onsite recycling process and report these issues to Cleveland State University immediately and in a timely manner.