

Deconstruction Grant Program

4557 NE 60th

April 2017

Contractor ReBuilding Center
Square footage 1,562
Year built 1942
Deconstruction cost \$16,070

Estimated percentage
material salvaged
70% → 80%
pre-project post-project

Labor cost \$4,800
Deconstruction labor hours 240



Project Uniqueness

A 1,562-square foot house and a 500-square-foot detached garage were deconstructed. The team wanted to be Earth conscious and reclaim any useable materials to minimize their environmental impact instead of saving money and contributing to the landfill.

Innovations

The ReBuilding Center's a team of deconstruction technicians uses the most modern equipment and handheld tools to make the job efficient and save time and energy. The team ensured no materials entered the sewer system or household trash. The old water heaters as well as the heating and cooling sources from the 1990s were removed and will be replaced with tankless water heaters and energy-saving heating and cooling systems in the new building.

Materials salvaged

- Appliances/equipment
- Cabinets
- Doors
- Insulation
- Light fixtures
- Plumbing fixtures
- Posts and beams
- Roof sheathing
- Siding
- Trim
- Wall sheathing
- Windows
- Wood flooring
- Wood framing

Project Promotion Strategy

- Word of mouth via family, friends, and community
- Publicized environmental and economic benefits of deconstruction

Lessons Learned

The team appreciated the ease of coordinating a project with a good excavating contractor to close out a demolition permit.

Unforeseen Circumstances

No unforeseen circumstances were encountered.

Hazmat Discovery Yes No



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