

# Demolition Proposed Schedule

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Proposed Start Date April 10th, 2017.

- Mobilization (5 days) Staging of Equipment, job trailers, supplies
- Erosion control installation (3 days) this will include silt logs, basin filters, tracking pad
- Universal Waste collection (3-5 days) Includes removal of Chemicals, lights bulbs, ballasts, oils, containerize all universal waste, profile waste and dispose of waste off site
- Identify, and fill all tunnel and voids (8 days)
- Removal of stockpiled debris from vacant area on project site (3 days)
- Demarcate PCB areas for environmental clean-up and protection from demolition (1 day)
- Covering of the PCB areas with 6 ml plastic sheeting, ½ inch plywood and metal plate (~2 days)
- Mercury Spill Cleanup (1 day)
- Removal PCB concrete from second floor (5 days)
- Demolition of North Building (~ 50 days simultaneous w / S. Bldg.)  
Structural demo (with heavy equipment) Process concrete into manageable pieces for removal, and Load material for disposal
- Demolition of South Building (~ 50 days simultaneous w / N. Bldg.)  
Structural demolition (with heavy equipment), Separate wood and steel for appropriate disposal/recycling, Load material for disposal
- Demobilization

Proposed Completion Date: July 28<sup>th</sup>, 2017  
(Does not include weekend or holiday work)  
Contract Allows for 120 Days

# Preliminary Demolition Plan Summary

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**Mirro Building**  
1512 Washington St.  
Manitowoc WI

## A. Intended Demolition Methodologies

### 1. Mechanical North Building

- a. The structure will be systematically removed using conventional demolition methods. An assortment of heavy equipment including a hydraulic excavator, wheel loader, skid steer, and aerial lift will be used to dismantle the structures and separate debris for recycling or disposal. The large hydraulic excavator will commence demolition bay by bay (column to column from the top down). The demolition activities will generate large concrete material debris that will be required to be processed (sized into manageable pieces) for loading into trucks for offsite disposal.

Metallic reinforcements will be removed as much as feasible for recycling.

- b. Shears, grapple buckets, hydraulic hammers, and biter buckets are some of the specialized demolition attachments Brandenburg intends to use on a daily basis to perform this work.

Once enough of the north structure is demolished and debris is generated, wrecking will cease and the assist machines will manage the demo debris for removal from the site. At this point, the large machine will move to the south structure and commence demolition.

### 2. Mechanical South Building

- a. The structure will be systematically removed using conventional demolition methods “similar to the north building”. An assortment of heavy equipment including a hydraulic excavator, wheel loader, skid steer, and aerial lift will be used to dismantle the structures and separate debris for recycling or disposal.

The large hydraulic excavator will commence demolition bay by bay (column to column). This demolition activity will generate wood and structural steel debris that will be required to be separated (sized into manageable pieces) for loading into trucks for offsite disposal.

- b. Shears, grapple buckets, hydraulic hammers, and biter buckets are some of the specialized demolition attachments Brandenburg intends to use on a daily basis to perform this work.

At the point at which enough of the south structure is demolished and debris is generated, the assist machines will manage the demo debris for removal from the site. At this point, the large machine will move back to north structure and resume demolition.

### 3. Manual

- a. Manual labor may be used as needed to assist heavy equipment for the safe demolition of the structures. Skilled laborers will perform torch work and set up work to make preparatory cuts in steel structural members.

## B. Work Hours

Activity shall be conducted compliant with City Ordinances on weekdays. Holidays and weekends as approved in advance.

## C. Debris / Stockpile Staging

1. Dust control will be considered an important part of the overall project. Brandenburg will utilize a fire hose attached to a building source or local hydrant during the demolition operations. We will direct a fine water spray to the source of the demolition activities, as required, thereby reducing airborne dust particles. To minimize run-off water, the water supply will be used only when necessary. A proper backflow device will be installed at the hydrant locations.
2. Recycled material will be primarily staged in a central location adjacent to each building. Material will be loaded and hauled out as soon as possible to minimize dust.

## D. Disclaimer

This plan will be modified as conditions in the field dictate to ensure the safest and most productive work environment.