



Building Demolition Site Safety Plan – Contractor Work Plan

The Demolition Contractor shall submit this form with a Building Demolition Permit application.

A written document, which contains a comprehensive set of minimum safety requirements for demolition sites, is required to ensure the safety of the Demolition Contractor’s personnel as well as the safety of the general public, and the protection of adjoining property.

Property Address

Identify the location of work for the permit.

If a specific location applies or only one or multiple buildings on a site will be demolished, note the additional information in the space provided.

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Address: _____

Specific Location: _____

Description of Structure

Identify the construction materials and conditions of the existing building.

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Materials of Construction *(check all that apply):*

Exterior Walls

- Masonry
- Wood Frame
- Reinforced Concrete
- Steel Skeleton
- Other: _____

Interior Walls

- Masonry
- Gypsum
- Wood Frame
- Plaster
- Other: _____

Internal Columns

- Reinforced Concrete
- Steel Posts
- Masonry
- Wood
- N/A

Foundations

- Masonry
- Reinforced Concrete
- Rubble Stone
- Other: _____

Floors

- Steel Framing
- Wood Framing
- Concrete
- Other: _____

Roof Structure

- Wood Framing
- Steel Framing
- Other: _____

- The building suffered damage resulting from fire, flood, explosion, or other causes.

Describe: _____

- Other *(attach additional sheets as necessary)*.

Describe: _____

Demolition Means & Methods

Select the methods of demolition.

- A. Select the equipment to be used for demolition.
- B. Provide a detailed description of lateral bracing, if applicable.
- C. Describe the dust control measures, if applicable.
- D. Describe and check all applicable methods of demolition.

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The methods of demolition for safe demolition of the structure shall be provided below. A detailed Sequence of Demolition shall be provided to clearly detail the Demolition Contractor’s plans for safely demolishing the building.

A. Equipment *(select all that apply):*

Exterior Walls

- Handheld Devices
- Mechanical

Floor / Ceilings

- Handheld Devices
- Mechanical

Interior Walls

- Handheld Devices
- Mechanical

Foundation

- Handheld Devices
- Mechanical

Describe the mechanical demolition equipment to be utilized *(if applicable)*: _____

B. Lateral bracing:

- Lateral bracing of the upper story walls will be required as the demolition proceeds.

Describe *(if applicable)*: _____

C. Dust Control:

- Dust control measures to be utilized.

Describe *(if applicable)*: _____



Demolition Means & Methods
(continued)

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D. Method of Demolition (check all that apply; attach additional sheets as necessary).

Describe method of demolition, including any of the following items which apply: _____

- Method to be used for demolishing walls and partitions to ensure work above each tier of floor beams will be completed before any of the supporting structural members are disturbed.
- Measures to be taken to ensure that masonry walls, or other sections of masonry, will not be loosened or permitted to fall upon the floors of the building in such masses as to exceed the safe carrying capacities of the floor or the stability of structural supports.
- Methods to be used to ensure that no wall section, which is more than one story or 12 feet in height, will be permitted to stand alone.
- Where structural or load-supporting floor beams are located below stories that have yet to be demolished, and which will be cut for the disposal of materials or for the installation of demolition equipment, describe how this work will be accomplished to ensure that the cutting does not negatively impact the safety of the floor system.
- Reinforced concrete, and heavy timber buildings, or portions thereof, shall be demolished column length-by-column length and tier-by-tier. Describe "chain or lashed in place" methods to be used to prevent any uncontrolled swing or drop of these structural members.

Site Restoration

Describe and select all applicable site restoration methods.

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Restoration of Site (check all that apply):

- Where a building, or any portion, has been demolished to grade, the floor slab or foundation of such building, or portion, shall be removed and the site backfilled to grade.
Will the floor slab remain and not be backfilled? Yes No
If 'yes', a department approved waiver is required along with justification for the floor slab, including a demonstration of positive cellar drainage prepared by a registered design professional. A copy of all relevant documents shall be attached to this Site Safety Plan.
- Details shall be provided regarding the future maintenance of the premises free from all unsafe or hazardous conditions, which may include the erection of necessary retaining walls and fences.
Describe: _____
- Details shall be provided for the means and methods for restoration of established grades, including description of backfill material to be used.
Describe: _____
- Party Wall Protection (select one):
 - Separate Party Wall Protection Permit obtained to treat exposed interior walls.
Party Wall Protection Permit Number: _____
 - Wall Covering Treatment work scope for exposed interior walls is included under scope of the Demolition Permit application.
Describe type of treatment: _____
 - Interior wall exposure will not be created at a Party Wall as part of the Demolition Permit.

Disposal of Debris

Provide the contact information of the landfill where the debris will be disposed of and the estimate volume of debris to be disposed of.

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All demolition waste materials (debris) shall be removed from the site and disposed of at an approved facility / site. The Demolition Contractor shall provide L&I with the following information:

- Contact information of the landfill (or facility) where the debris will be disposed of:
Name: _____ Phone Number: _____
Address: _____
- Estimate of the volume of the debris (not including recycled materials) to be disposed of: _____



Department of
Licenses and Inspections
 CITY OF PHILADELPHIA

DO NOT MAIL THIS APPLICATION

Miscellaneous

Identify the PA One Call Number and any additional hazards.

Miscellaneous

- PA One Call Number: _____
- Describe any additional hazards: _____

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Professional Engineer's Certification

If required in accordance with Chapter 33 of the Philadelphia Building Code.

Signature of Design Professional: _____

Date: _____



Professional Seal

Demolition Supervisor's Name: _____

Demolition Supervisor's Signature: _____

Date: _____ / _____ / _____