



CITY OF PHILADELPHIA  
DEPARTMENT OF LICENSES & INSPECTIONS  
Construction Services Division  
Municipal Services Building - Concourse Level  
1401 John F. Kennedy Boulevard  
Philadelphia, Pennsylvania 19102

## COVERED WALKWAYS AND BARRIERS

A Professional Engineer licensed by the Commonwealth of Pennsylvania must complete this form to certify that accompanying plans satisfy the requirements for protection of pedestrians of Section 3306 of the Philadelphia Building and Occupancy Code, Subcode B.

### REQUIRED PROTECTION

HEIGHT OF CONSTRUCTION	DISTANCE FROM CONSTRUCTION TO LOT LINE	TYPE OF PROTECTION REQUIRED	PROTECTION PROVIDED (check appropriate box)
More than 8 feet	Less than 5 feet	Barrier and covered walkway	<input type="checkbox"/>
	5 feet or more, but not more than $\frac{1}{4}$ the height of construction	Barrier and covered walkway	<input type="checkbox"/>
	5 feet or more, but between $\frac{1}{4}$ and $\frac{1}{2}$ the height of construction	Barrier	<input type="checkbox"/>
	5 feet or more, but exceeding $\frac{1}{2}$ the height of construction	None	<input type="checkbox"/>

### DESIGN AND CONSTRUCTION REQUIREMENTS

#### Covered Walkway

- Minimum Design Live Load (check appropriate box)
  - ☐ 300 psf
  - ☐ 150 psf (may only be utilized for buildings less than 100' with no storage on covered walkway)
- Minimum walkway width: 4'
- Minimum height: 8' measured from the floor surface to the canopy overhead
- Maximum running slope: 1:20
- Maximum cross slope: 1:48
- Walking surface shall be stable, firm and slip resistant
- Adequate lighting shall be provided at all times

#### Barriers

**Note: An existing exterior wall may serve as a construction barrier when activity is occurring above the first floor level.**

- Barriers must be designed in compliance with one of the methods listed below. Check appropriate box.
  - ☐ Option A: Designed to resist loads outlined in Chapter 16 of the Philadelphia Building and Occupancy Code, Subcode B.
  - ☐ Option B:
    - Barriers shall be provided with 2" by 4" top and bottom plates
    - The barrier material shall be a minimum of  $\frac{3}{4}$ -inch boards or  $\frac{1}{4}$ -inch wood structural use panels.
    - Wood structural use panels shall be bonded with an adhesive identical to that for exterior wood structural use panels.
    - Wood structural use panels  $\frac{1}{4}$ -inch or  $\frac{5}{16}$ -inch in thickness shall have studs spaced not more than 2' on center.
    - Wood structural use panels  $\frac{3}{8}$ -inch or  $\frac{1}{2}$ -inch thickness shall have studs spaced not more than 4' on center, provided a 2" by 4" stiffener is placed horizontally at midheight where the stud spacing exceeds 2' on center.
    - Wood structural use panels  $\frac{5}{8}$ -inch or thicker shall not span over 8'.
- Minimum height: 8'
- Barriers must be placed on the side of the walkway nearest to the construction.
- Barriers shall extend the entire length of the construction site.
- Openings in barriers shall be protected by doors which are normally kept closed.

I hereby certify that the statements contained herein are true and correct to the best of my knowledge and belief.

\_\_\_\_\_  
Signature of PA Professional Engineer

\_\_\_\_\_  
Date

Seal of PA Professional Engineer