

DECK PERMIT APPLICATION



BUILDING STANDARDS DEPARTMENT

111 N MICHIGAN AVE, BRADLEY IL 60915
PHONE 815-933-5008 FAX 815-933-5068

Owner Information:

Permit Number:

Name	
Address	
City/ State / Zip	
Phone / Cell	
E-mail	

Contractor information

Work Site:

Name		Address	
Address		City	
City/ State / Zip		Zip Code	
Phone / Cell			
E-mail			

Describe work to be done:

Describe work to be done:	
Construction Valuation \$ _____	<input type="checkbox"/> Vinyl <input type="checkbox"/> Wood

FOR OFFICE USE ONLY

<input type="checkbox"/> Plat Of Survey Received	<input type="checkbox"/> Received By _____	Date _____
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In consideration of this application and attached forms being made a part thereof and the issuance of permit, I will conform to the regulations set forth in the Village of Bradley Code of Ordinances. I also agree that all work performed under said permit will be in accordance with the approved plans, specifications and plat diagram which may accompany this application, except for such changes as may be necessary and authorized or required by the Village of Bradley. No work shall be conducted until a permit is issued and obtained. I will submit this work to the required inspections, before work is covered up, and prohibit the occupancy of any space until the Building Standards Department has completed all inspections. The applicant has furnished the information contained herein.

Applicant Signature: _____ Print Name _____ Date: _____

DECK PERMIT WORKSHEET

DESCRIPTION

Deck Dimensions: _____ by _____ Total Square Footage: _____

Is deck attached to house? ● Yes ● No Height Off Ground: _____

Distance from Side Yard Lot Line: _____ Distance from Rear Yard Lot Line: _____

Additional Features Added: ● Gas ● Electric ● Other: _____ ● None

Indicate the type of material being used, cedar, treated, composite, other _____

Indicate the size of decking material ____x____.

Indicate the size of ledger board 2 x____,with (2) ½" thru bolts 16" on center.

Indicate the size of floor joist 2 x____@12" or 16" on center.

Indicate the span of floor joist_____.

Indicate the size of the beam 2 x ____ through bolted on either side with ½ " x 8" carriage bolts. (2) carriage bolts are required at every beam/post intersection.

Indicate the span between post holes____, with the maximum span of 7' feet.

Indicate the size of post 4 x 4 or 6 x6 _____, as well as the height from grade to deck _____.

Indicate the size of post holes _____, the minimum diameter is 8" with a minimum depth of 42" for frost protection pier.

Indicate the size of guard rail____. with the minimum of 36" is required if 30" or more above finished ground.

Indicate the height of the hand rail ____ a minimum of 36" and maximum of 38" .

Indicate the size of stair rise ____ maximum of 7 ¾ ". Indicate the stair tread ____ the minimum is 10".

SUBMITTAL CHECKLIST

● Plat of Survey showing all existing structures, location of the proposed deck, gas meter, and electric meter and overhead service wiring.

● Detailed plans showing all construction elements, including:

1. S ize & grade of all structural lumber

2. S ize & spacing of the footing piers

3. P ier to post attachment detail

4. Complete stair detail

5.Ledger board attachment detail at house wall

6.Size & spans of the header beams

7.Flashing & caulking detail

8.A continuous hand rail must be installed for a Flight of four risers or more..

VILLAGE OF BRADLEY
DEPARTMENT OF BUILDING STANDARDS
111 N MICHIGAN AVE
BRADLEY IL 60915
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PORCH AND DECKS

GENERAL PERMIT PROCEDURES:

- Permit application completed in full
- Call J.U.L.I.E. at 1-800-892-0123 for location of all utilities
- Determine your property lines and expose property stakes. Submit a sketch showing the proposed location of your project relating to lot lines, house, sheds or any other structures on your property.
- Deck setbacks: Minimum of 5' from all property lines; Minimum 10' from nearest wall of principle building (house); 1' off all easements.
- The Building Superintendent will review completed applications and drawings within 14 business days of receipt.

GENERAL:

Please draw a construction sketch on a separate full page, and include the following:

- Foundation wall / footing sizes / roof cross section (if covered & attached to existing roof line)
- Post size & spacing for decking.
- Joist size & spacing
- Roof tie-in cross section with dimensions (if covered)
- Post holes to be at least 42 inches in depth
- Steps: If 4 or more risers they shall be accompanied by handrails with proper guards as required by code.

INSPECTIONS:

- Footings / Foundation wall (if needed)
- Post hole inspection before pouring cement
- Framing prior to decking
- Final

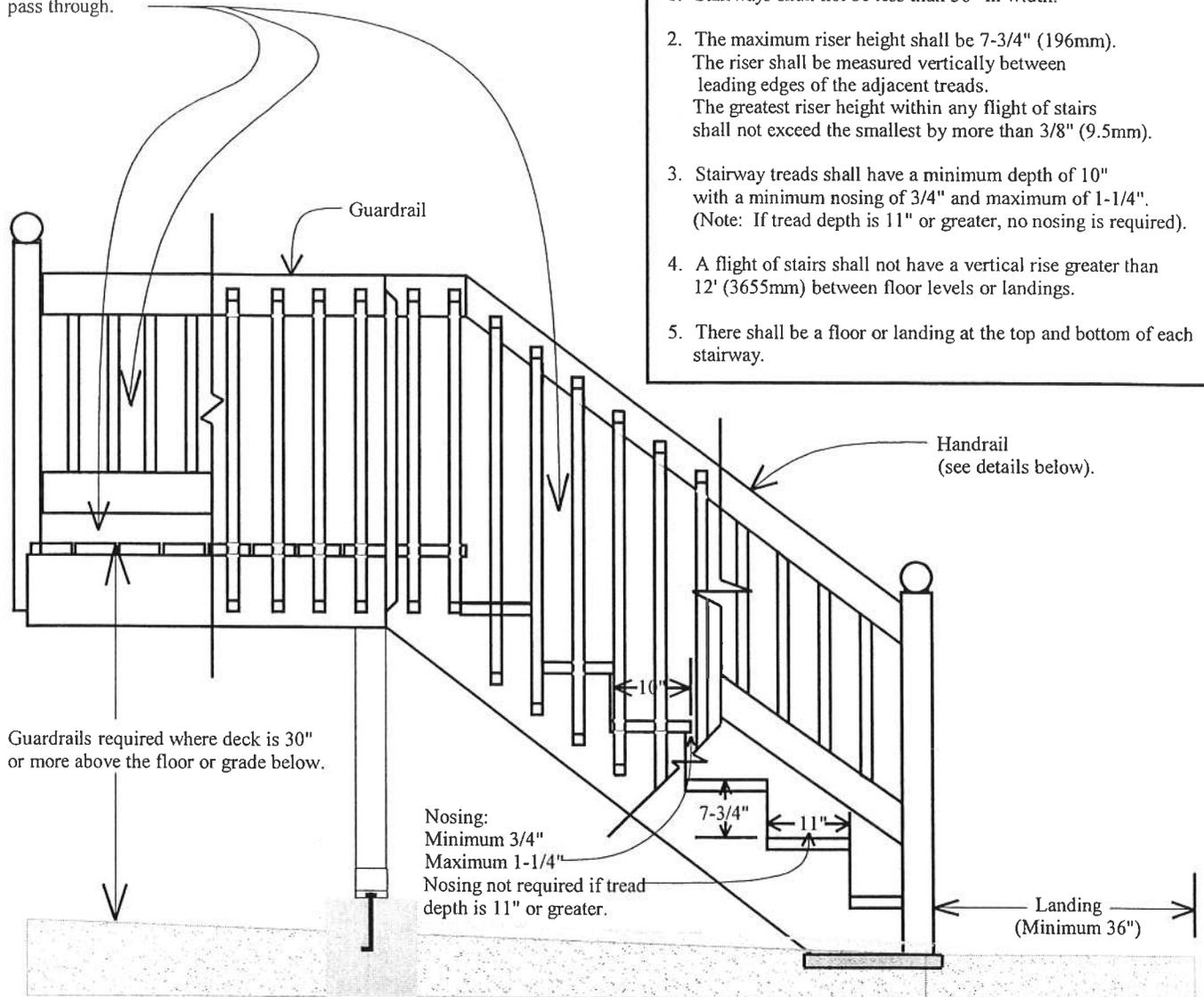
PLEASE ALLOW A 48-HOUR NOTICE WHEN REQUESTING AN INSPECTION.
THERE WILL BE NO INSPECTIONS ON WEEKENDS OR HOLIDAYS.

Guardrail, Handrail and Stairway Examples

Open guardrails and open handrails on decks and stairways more than 30" above grade shall have pickets, balusters or intermediate rails spaced so that a 4" diameter sphere cannot pass through.

Stair treads and riser notes:

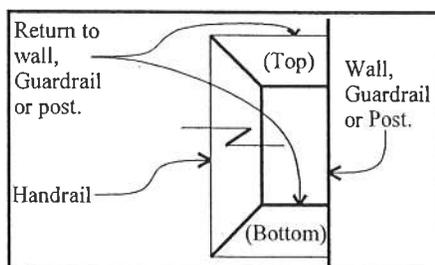
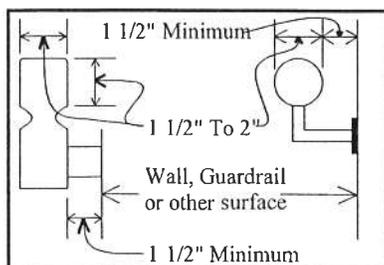
1. Stairways shall not be less than 36" in width.
2. The maximum riser height shall be 7-3/4" (196mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8" (9.5mm).
3. Stairway treads shall have a minimum depth of 10" with a minimum nosing of 3/4" and maximum of 1-1/4". (Note: If tread depth is 11" or greater, no nosing is required).
4. A flight of stairs shall not have a vertical rise greater than 12' (3655mm) between floor levels or landings.
5. There shall be a floor or landing at the top and bottom of each stairway.



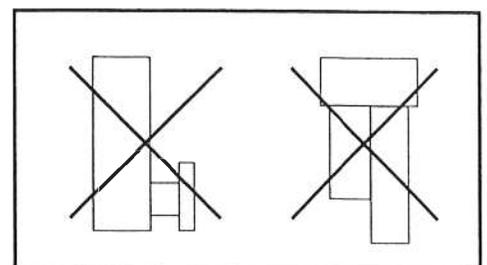
Handrail Notes:

1. Handrails shall be continuous on at least one side of stairs with 4 or more risers.
2. Handrails shall be placed not less than 34" nor more than 38" above stair nosing.
3. The handgrip portion of handrails shall not be less than 1 1/2" nor more than 2" in diameter.
4. Handrails shall be placed not less than 1 1/2" from any connected wall, guardrail or other surface.
5. Handrails must return and end to a wall or post.

Acceptable Handrail Details



Unacceptable Handrails



ATTACHMENT TO HOUSE DETAIL

