



BUILDING DEPARTMENT

100 Parkers Mill • Oswego, IL 60543 • (630) 554-2310 • Fax: (630) 554-7545
Website: <http://www.oswego.il.gov>

GENERAL INSTRUCTIONS FOR A DECK PERMIT

Need to Submit

1. Completed accessory structure permit application.
2. Completed deck requirement worksheet.
3. Completed deck permit checklist.
4. Plot plan or survey showing the deck with all distances to the lot lines.
5. Detailed drawing showing overall size of structure; pier and post locations; size, span and spacing of floor joist; size, span and spacing of beams; decking material; handrails; guardrails; stair guards and dimensions for all of the above.

Piers. Shall be a minimum of 8 inches in diameter. If a deck is to be attached to a structure, the piers shall be a minimum of 42 inches below grade. Once the holes for the piers are dug, there shall be an inspection **before** concrete is poured. (See attachment for typical pier details.)

Floor Structure. Floor joists, posts, beams and girders shall be built to withstand a minimum of 40 lbs. per square foot live load plus 10 lbs. per square foot dead load.

Guardrails. Porches, balconies or raised floor surfaces located 15¼ inches or more above the surrounding grade or floor shall have guardrails not less than 36" in height. The maximum clear distance between the bottom rail of the guardrail and the decking shall be less than 4 inches. Guardrails shall have intermediate rails or ornamental closures which will not allow passage of an object 4 inch or more in diameter.

Guards. Shall be required on open sides of stairways that have a total rise of 15¼ inches or more or have 3 or more risers. Stair guards shall be a minimum of 34 inches, measured vertically from the nosing of the treads. All stairs shall be a closed riser system. Required guards shall have intermediate rails or ornamental closures which will not allow passage of an object 4 inch or more in diameter. The triangular opening between the bottom rail of the guard and the surface of the tread shall be less than 6 inches.

Handrails (if required). All handrails shall be gripable. Handrails shall be installed between 34 to 38 inches, measured vertically from the nosing of the treads. A handrail shall be provided on at least one side of a stairway that has a total rise of 15¼ inches or more or 3 or more risers. All required handrails shall be continuous the full length of the stairs from the first rise to the last rise. Ends of handrails shall be returned or shall terminate into a newel post or safety terminal.

For decks under 72 inches in height, soil under deck shall be stripped of vegetation, polyethylene or approved landscape fabric placed over soil and a minimum of 2" granular base placed on top of the polyethylene or landscape fabric.

Gazebos shall be located a minimum of 10 feet from the primary structure.



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DECK REQUIREMENT WORKSHEET

1. Indicate the type of material(s) to be used to construct the deck: _____
2. Will the deck be attached to a structure? **YES** or **NO** (If yes, it is likely that the deck will require footings below the frost line)
3. Deck footings will be _____ inches in diameter by _____ inches below grade.
4. Deck support post will be _____ by _____ inch post and will be spaced _____ inches apart.
5. Deck support post will be _____ inches in height. (If the measurement from grade to the bottom of the deck structure is 48 inches or greater, sway bracing shall be required)
 - 5a. Will sway bracing be required? **YES** or **NO**
6. Deck support beam(s) will be double members, using **2x8** or **2x10** or **2x12**.
(Maximum span for a support beam shall be 96 inches)
7. Floor joists will be **single** or **double**, using **2x6** or **2x8** or **2x10** or **2x12**.
 - 7a. Floor joist will be spaced _____ inches on center.
8. The decking material will be _____ inches in thickness.
9. Will a guardrail be provided for the deck? **YES** or **NO** (If decking surface is 15¼ inches or more above the surrounding grade a guardrail shall be required)
10. Will stairs be provided for the deck? **YES** or **NO** (If the total stair rise is 15¼ inches or more or the total number of risers is 3 or more, stair guards and a gripable handrail shall be required)
 - 10a. Will stair guards be provided for the stairs? **YES** or **NO**
 - 10b. Will a gripable handrail be provided? **YES** or **NO**



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DATE: _____

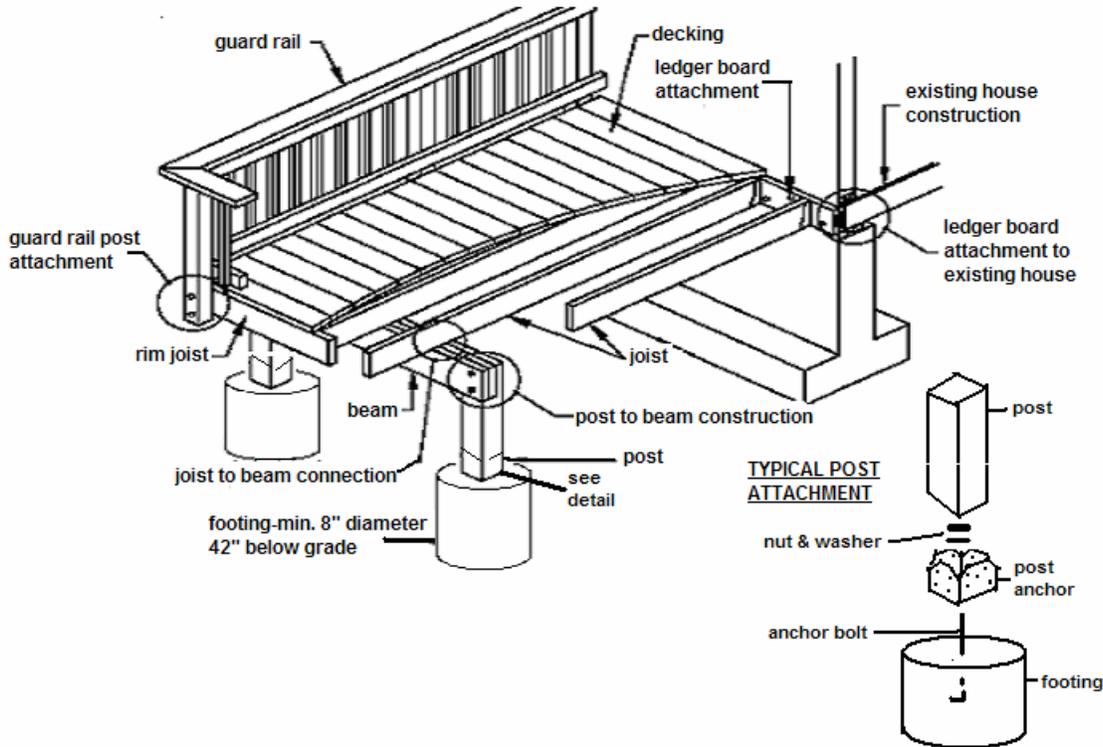
DECK PERMIT CHECKLIST FOR _____ :
(Address)

**** All Items listed must be completed and all documentation must be submitted at the time of permit application. Application submittals not complete WILL NOT be accepted for processing.**

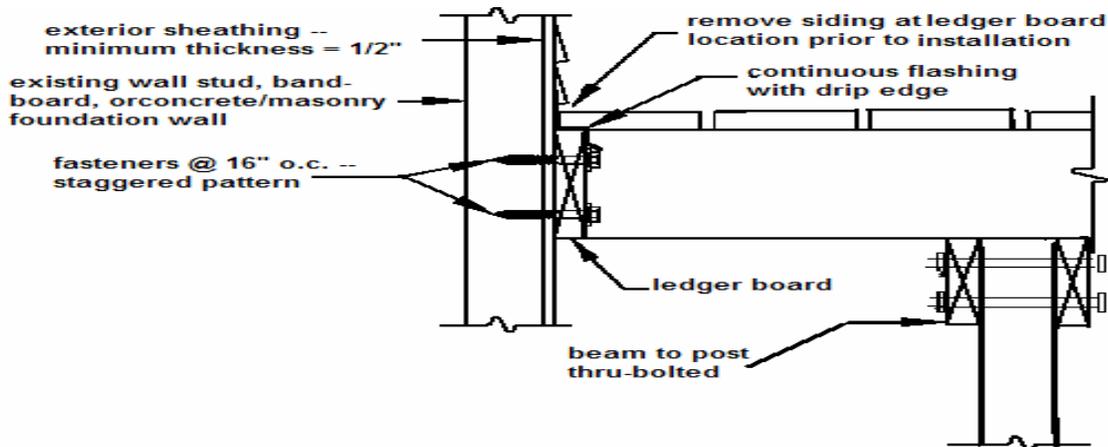
- Name, Address, Phone Number complete on Permit Application
- Permit Application signed and dated
- Project Cost – Including labor (if applicable)
- Contractor information (if applicable)
- Plat of Survey
- Location of Deck on Plat of Survey with all dimensions/distances to lot lines
- Size of Deck
- Two sets of plans with “Deck Requirement” worksheet filled out and submitted
- Homeowner has contacted their Homeowner’s Association before starting work;

**** The Village Of Oswego has no authority to enforce the covenants or adopted rules of your Homeowner’s Association.

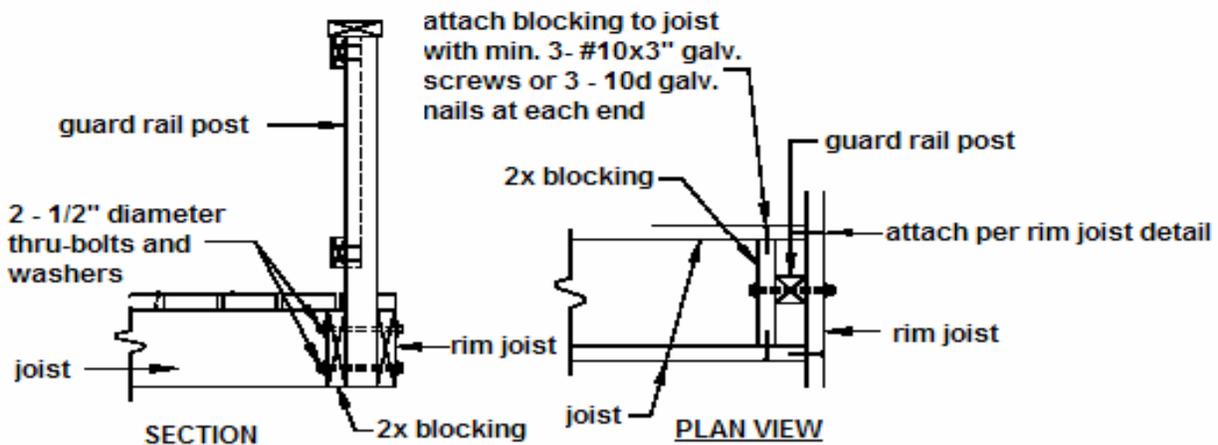
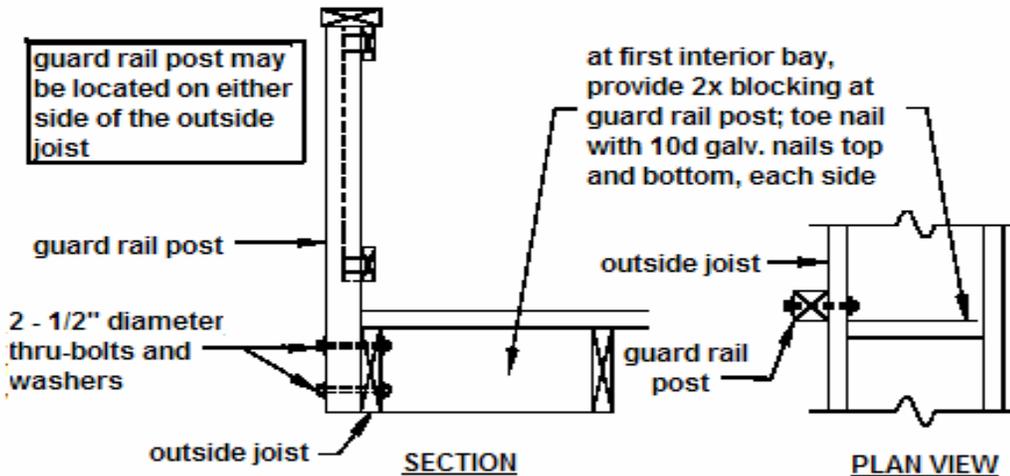
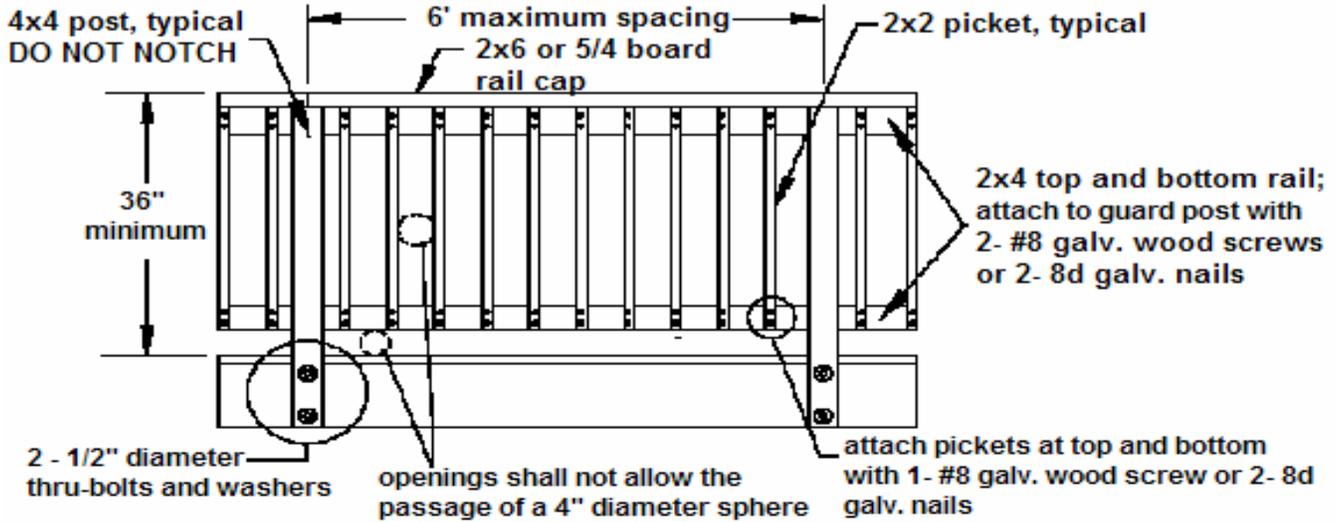
TYPICAL DECK DETAILS



TYPICAL ATTACHMENT TO EXISTING STRUCTURE

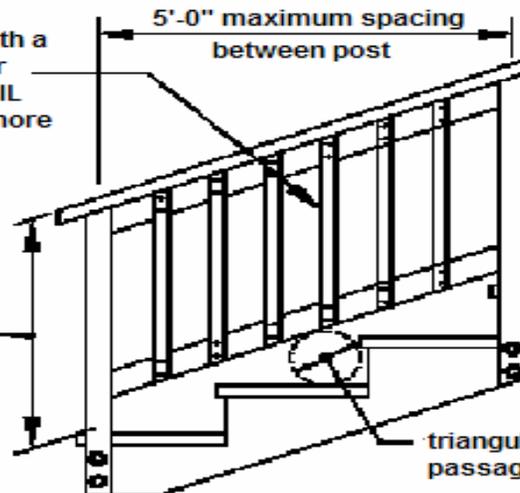


TYPICAL GUARDRAIL DETAILS



TYPICAL STAIR DETAIL

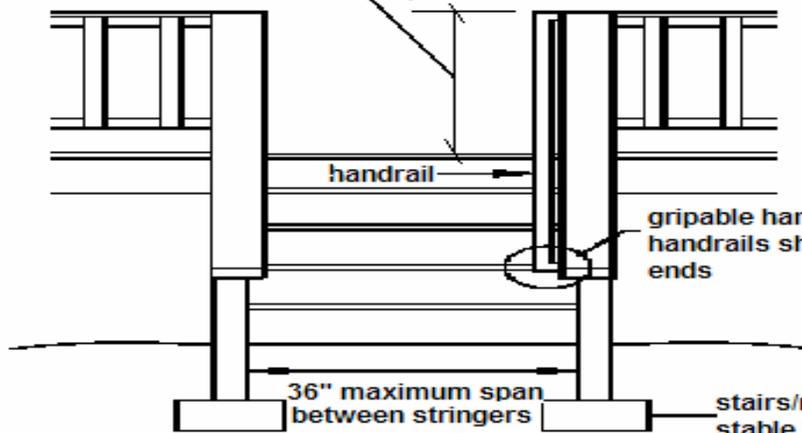
stair guard rails are required for stairs with a total rise of 15 1/4" or more; see **GUARD RAIL REQUIREMENTS** for more information



stair guard rail height: minimum of 34" measured vertically from the nosing of the step

triangular opening shall not permit the passage of a 6" diameter sphere

handrail height 34" - 38" from nosing of step



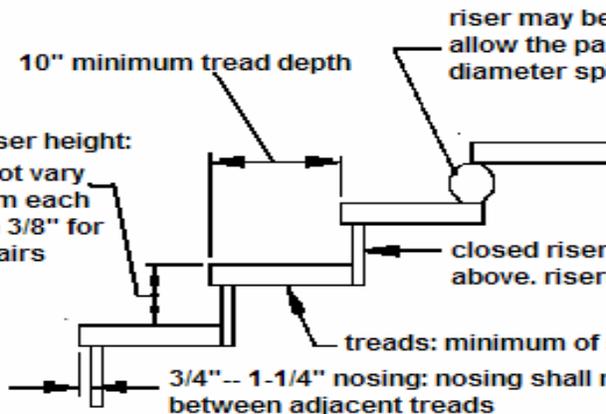
gripable handrail required: handrails shall be returned on both ends

36" maximum span between stringers

stairs/rail post shall rest on a stable base or footing

10" minimum tread depth

7-3/4" maximum riser height: riser height shall not vary more than 3/8" from each other or more than 3/8" for the entire run of stairs



riser may be open but shall not allow the passage of a 4" diameter sphere

closed risers required, see exception above. risers a minimum of 1x material

treads: minimum of 5/4 or 2x material

3/4" - 1-1/4" nosing: nosing shall not vary more than 3/8" between adjacent treads



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JOIST & BEAM SIZING FOR DECKS

		J O I S T S P A C I N G											
		6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	
P O S T S P A C I N G	4'	Joist Size	2x6 16" OC	2x6 16" OC	2x6 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x10 16" OC	2x10 16" OC	2x10 16" OC	2x12 16" OC
		Beam Size	2 - 2x6	2 - 2x6	2 - 2x6	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x10	2 - 2x10	2 - 2x10	2 - 2x10
	5'	Joist Size	2x6 16" OC	2x6 16" OC	2x6 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x10 16" OC	2x10 16" OC	2x10 16" OC	2x12 16" OC
		Beam Size	2 - 2x6	2 - 2x6	2 - 2x6	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x10	2 - 2x10	2 - 2x10	2 - 2x10
	6'	Joist Size	2x6 16" OC	2x6 16" OC	2x6 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x10 16" OC	2x10 16" OC	2x10 16" OC	2x12 16" OC
		Beam Size	2 - 2x6	2 - 2x6	2 - 2x6	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x10	2 - 2x10	2 - 2x10	2 - 2x10
	7'	Joist Size	2x6 16" OC	2x6 16" OC	2x6 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x10 16" OC	2x10 16" OC	2x10 16" OC	2x12 16" OC
		Beam Size	2 - 2x6	2 - 2x8	2 - 2x10	2 - 2x10	2 - 2x10	2 - 2x10					
	8'	Joist Size	2x6 16" OC	2x6 16" OC	2x6 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x8 16" OC	2x10 16" OC	2x10 16" OC	2x10 16" OC	2x12 16" OC
		Beam Size	2 - 2x8	2 - 2x8	2 - 2x8	2 - 2x10	2 - 2x12	2 - 2x12	2 - 2x12				



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Building Permit Application for Existing and Accessory Structures

Permit No. _____

CUSTOMER DATA

Name of Owner: _____
Property Address: _____
Daytime Phone #: _____ Cell #: _____
Subdivision: _____

CONTRACTOR DATA

Name of Contractor: _____
Address of Contractor: _____
City: _____ State: _____ Zip: _____
Daytime Phone #: _____ Cell #: _____

PROPOSED PROJECT DATA

TOTAL OVERALL COST: \$ _____

DESCRIPTION OF WORK:

Existing Structure:
(5) Remodel / (10) Demolition / (9) Re-roof
(4) Addition / (11) Plumbing work / (11) Electrical work
(11) Radon Mitigation / (4) Garage/attached (3) Garage/detached

Accessory:
(3) Fence wood chain link other -
new replacement / height 3' 4' 5' 6'
(3) Patio size X / concrete pavers
(3) Deck / (3) Pergola / (3) Service Walk / concrete pavers
(3) Driveway asphalt concrete
(3) Shed size X / pre-built built on site
(3) Swimming Pool above ground in ground
(11) Other - describe
(19) Temporary Pool
(21) Lawn Irrigation

CERTIFICATION
The applicant agrees to conform to all applicable laws of this jurisdiction. I also agree that all work performed under this permit will be in accordance with the plans and specifications which accompany this application., except for such changes as may be required by the inspection officials.

I HEREBY CERTIFY THE ABOVE STATEMENTS TO BE CORRECT

Signed: _____
Signature of Owner or Owner's Agent

DATE _____

PERMIT APPROVED BY:



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Building Inspector _____ Date _____