



**CITY OF GENEVA
BUILDING DIVISION**
109 JAMES STREET
GENEVA, IL 60134
630/262.0280
630/262.0286 fax
www.geneva.il.us

Deck Permit Information

Revised 2/5/2015

A building permit is required prior to installing or replacing a deck. The following are guidelines and comments for obtaining a building permit.

Application and Drawing Procedures:

- An Application for Permit is to be filled out and submitted to the Building Division. The contractor's name, address, phone number and, if required, their license numbers are to be filled out when submitting the application.
- For any property within the Historic Preservation District, approval is required by the Historic Preservation Commission prior to obtaining a permit through the Building Division. Please contact Michael Lambert at 630 938-4541 or mlambert@geneva.il.us for more information.
- One (1) set of drawings showing the construction details of the deck are to be submitted with the application.
- One (1) copy of the plat of survey showing the location of the deck (drawn to scale) and showing the location the electric service line running into the house. (Please see example.)
- Allow 10 working days for the permit application to be reviewed and approved. A staff member will call you when your permit is ready to be picked up and paid for.

Fees:

- **Deck permit fee:** \$150.00 to be paid when the permit is picked up.
- **Re-inspection fee:** \$75.00 to be paid prior to re-inspection if an inspection has failed.
- **Type of Payment:** Cash, check (made payable to the City of Geneva), MasterCard, Visa, and Discover.

General Comments:

- **The application packet and stamped City approved plans are to be on the job site at all times.**
- A minimum of 24-hour notice is required when scheduling any inspection.
- Compliance with the indicated codes, ordinances, and inspections required.
- No structure shall be occupied or used until a final inspection has been passed.
- The deck must be anchored in the following method:
 - Ten inch (10") diameter by forty-two inch (42") deep postholes.
 - Decks that are forty-eight inches (48") above grade or taller shall be supported by 6" x 6" posts.
- Drawing must show anchoring method and location used for floor to post.
- Any electric going to the deck must be shown on plans.
- The postholes are to be inspected prior to filling with concrete.

Inspections – Clarification and Details:

The following is a list of inspections, which may be required for your project and the approximate amount of time it takes for each inspection.

✓ Postholes	¼ hour
✓ Deck Frame	¼ hour
✓ Electric	¼ hour
✓ Final Inspection	¼ hour

The following are general guidelines and details on the types of inspections that may be required for your project. For further clarification please call our office and speak with one of our building inspectors.

Postholes:

- ✓ The inspection of postholes is conducted prior to any posthole being filled.
- ✓ The location of the deck is checked to ensure that it is being placed in the correct location.
- ✓ The setbacks are checked from the property lines to ensure the deck is located out of the easement areas.
- ✓ The size of postholes is checked to ensure they are ten inches (10") in diameter and that the depth on each posthole is forty-two inches (42") below finished grade.
- ✓ .

Frame:

- ✓ All fasteners shall be galvanized or stainless steel.
- ✓ The anchoring of piers to the framing is to be inspected.

Final:

- ✓ At this inspection we confirm that the deck is completed including the railings and that the framing is per the approved plans.
- ✓ Any installed electric will be checked for code compliance.

Setbacks:

- ✓ **Interior Side Yard** is determined by the zoning of the property
- ✓ **Rear Yard** is determined by the zoning of the property
- ✓ No deck shall be located in whole or in part on or over an easement for utilities, drainage, access, or related purposes.

Building Codes:

The following are the Building Codes that have been adopted by the City of Geneva:

- City of Geneva Municipal Code
- 2009 Int'l Building Code w/amendments
- 2006 Int'l Mechanical Code
- 2005 Nat'l Electrical Code
- 2004 IL State Plumbing Code
- 2006 Int'l Residential Code w/amendments
- 2003 Int'l Fire Codes w/amendments

Homeowner and Contractor Responsibilities:

- It is the responsibility of the homeowner/contractor to schedule with the Building Division the required inspections.
- The required inspections are indicated on the plan review form and weather card, which is attached to the permit and the field copy of drawings. When scheduling an inspection, please have the address and permit number available.
- Inspections require a minimum of 24 hour notice. Please call (630) 262-0280 to schedule inspections.

Call **J.U.L.I.E.** (Joint Underground Location for Inspectors and Engineers) at least 48 hours prior to digging on site to locate any underground utilities. **(1-800/892-0123)**

- Electric Utilities Red
- Comcast (Cable) Orange
- Northern Illinois Gas (NICOR) Yellow
- Sewer Utilities Green
- Telephone Utilities Orange
- Water Utilities Blue

Your plat of survey showing location of proposed deck, public utility easements, if any, and below-grade electric service, if applicable.

Also provide footage from proposed deck to lot lines.

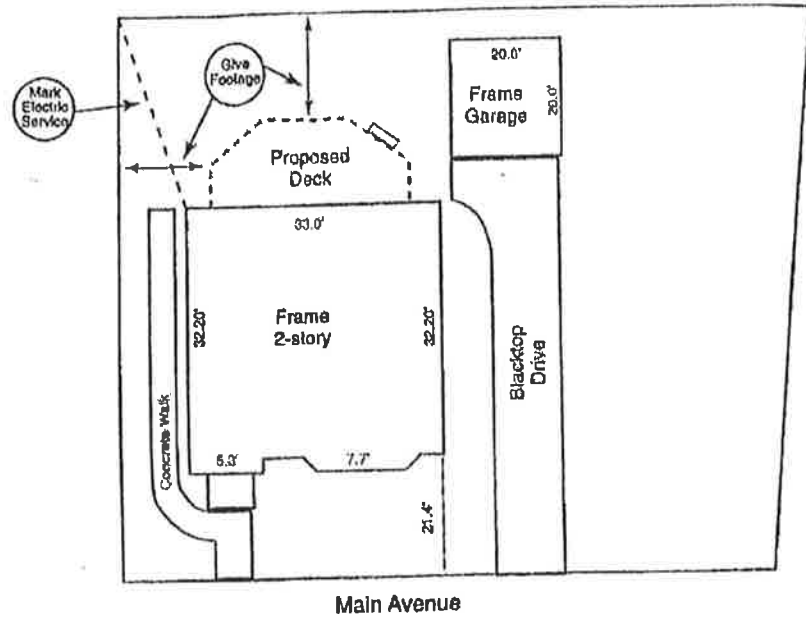


TABLE R502.2.2.1

Fastener spacing for a southern pine or hem-fir deck ledger and a 2-inch nominal solid sawn spruce-pine-fir band joist. Deck live load-40 psf, deck dead load-10 psf

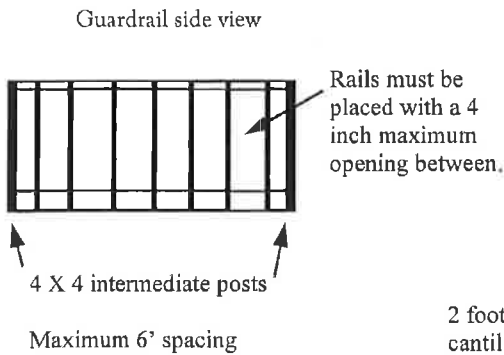
Joist span	6' & less	6'-1" to 8'	8'-1" to 10'	10'-1" to 12'	12'-1" to 14'	14'-1" to 16'	16'-1" to 18'
Connection details	On-center spacing of fasteners alternating top and bottom of ledger board.						
1/2" lag screw with 15/32" Maximum sheathing	30"	23"	18"	15"	13"	11"	10"
1/2" diameter bolt with 15/32" max. sheathing	36"	36"	34"	29"	24"	21"	19"
1/2" diameter bolt with 15/32" max. sheathing and stacked washers.	36"	36"	29"	24"	21"	18"	16"

**Design Factor for Decks:
40 Pound Live Load per Western Lumber Span
Spruce Pine Fir No. 2**

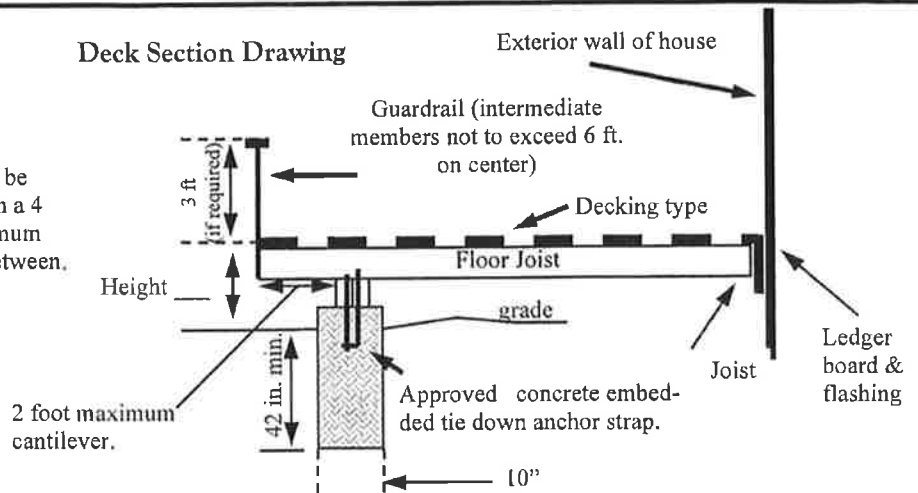
1. Center to Center 2 x 6	Maximum Span 12 inch 16 inch 24 inch	9 ft. 6 in. 8 ft. 7 in. 7 ft. 6 in.	3. Center to Center 2 x 10	Maximum Span 12 inch 16 inch 24 inch	15 ft. 11 in. 14 ft. 3 in. 11 ft. 8 in.
2. Center to Center 2 x 8	Maximum Span 12 inch 16 inch 24 inch	12 ft. 6 in. 11 ft. 4 in. 9 ft. 6 in.	4. Center to Center 2 x 12	Maximum Span 12 inch 16 inch 24 inch	19 ft. 1 in. 16 ft. 6 in. 13 ft. 6 in.

Deck Construction Drawing Examples:

Sample railing



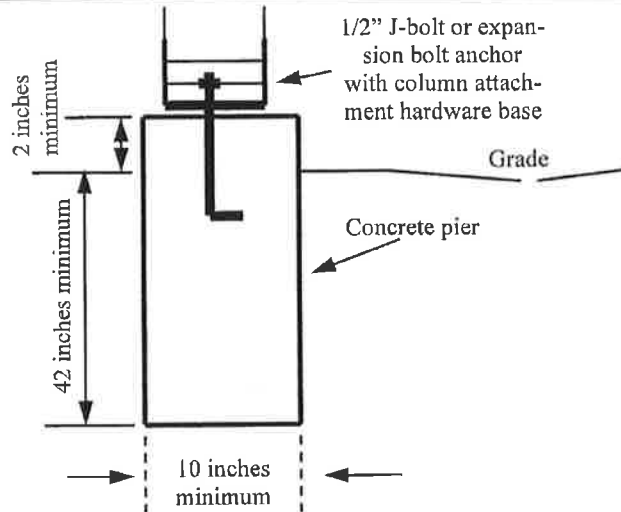
Deck Section Drawing



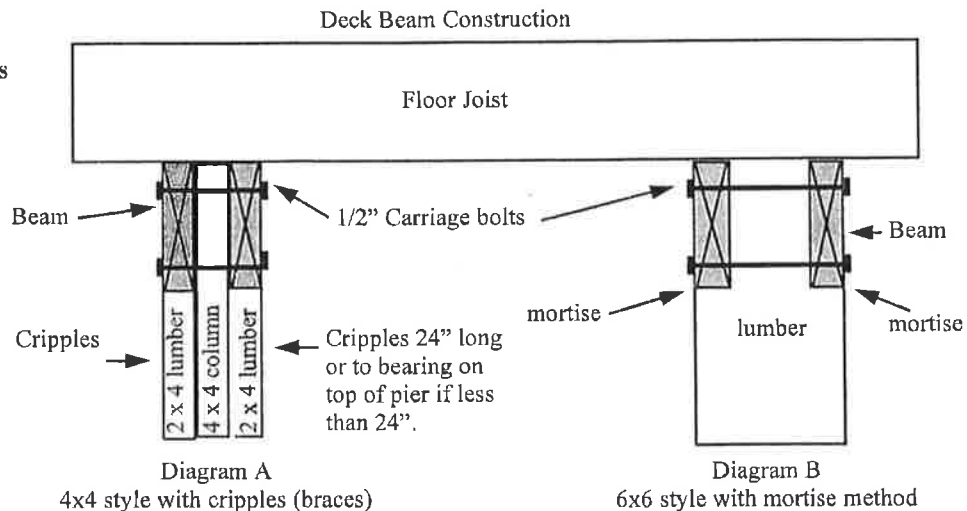
Sample pier and column connection

Maximum allowable beam spans between column posts or piers:

- 2-2 x 6 = 4 feet
- 2-2 x 8 = 6 feet
- 2-2 x 10 = 8 feet
- 2-2 x 12 = 10 feet



Sample columns and beam attachments





CITY OF GENEVA
BUILDING DEPARTMENT
109 JAMES STREET
GENEVA, IL 60134
630/262.0280
630/262.0286 fax
pdf@geneva.il.us

For Office Use Only

PERMIT NUMBER _____

BIN NUMBER _____

APPLICATION FOR PERMIT

PROJECT ADDRESS

APPLICANT

Check here if applicant is property owner

Name _____

Address _____
City State Zip

Email _____ Phone _____

PROPERTY OWNER

Name _____

Address _____
City State Zip

Email _____ Phone _____

CONTRACTOR

Name _____

Address _____
City State Zip

Email _____ Phone _____

Roofing License _____ Plumbing License _____

BUILDING TYPE

- Residential
- Commercial
- Other

TYPE OF WORK - GENERAL

- Change of Tenant
- Remodel
- New construction
- Addition
- Demolition
- Other

TYPE OF WORK - SPECIFIC (Check all that apply)

- Driveway/Parking
- Sidewalk
- Basement/Attic
- Kitchen/Bath
- Replace Windows
- Roof/Siding
- Sign/Awning
- Irrigation System
- Fence
- Patio
- Shed
- Deck
- Electric
- Plumbing
- HVAC
- Other

DESCRIPTION OF WORK

Applications will not be accepted without supporting documentation, attach additional sheets and submit plans/drawings, plat of survey, etc. as needed to illustrate proposed work

HISTORIC PRESERVATION

Is subject property located in the Historic District or a Historic Landmark? Historic Preservation Commission review is required for exterior improvements.

Yes No

ZONING

What zoning district is the property located in? _____

Is the use permitted at this location? Yes No

Is a variance needed? Yes No

PROJECT COST

What is the estimated project cost? _____

I HEREBY CERTIFY THAT I AM THE OWNER OF RECORD OR THAT THE PROPOSED WORK IS AUTHORIZED BY THE OWNER OF RECORD; THAT I HAVE BEEN AUTHORIZED BY THE OWNER TO MAKE THIS APPLICATION AND TO SCHEDULE ALL NECESSARY INSPECTIONS AS AN AGENT, AND THAT I AGREE TO CONFORM TO ALL APPLICABLE CODES, LAWS, AND ORDINANCES OF THE CITY OF GENEVA.

Signature _____

Date _____

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FEES

ROUTING

Building Permit Fee _____
 Fire Department Fee _____
 Plumbing Fee _____
 Public Works Fee _____
 Tree Preservation Fee _____

Engineering _____
 Fire _____
 Electric _____
 City Engineer _____

Historic Preservation _____
 Tree Preservation Review _____
 Planning/Zoning _____
 First Inspection Services _____

TOTAL FEES _____