



**Village of Elburn  
Building & Zoning**

112 N. Main Street  
Elburn, IL 60119  
(630) 365-5061  
Fax: (630) 365-9893  
www.elburn.il.us

**General Requirements for Decks:**

The information contained herein shall overrule anything that might not have been indicated on plan review.

**Inspections Required:**

1. Post holes (pre-pour)
2. Frame
3. Final

It is the responsibility of the homeowner/contractor to arrange to have all underground utilities located prior to any digging. Please contact J.U.L.I.E. (Joint Utility Location Information for Excavators) @ (800) 892-0123.

Per the National Electrical Code, no deck shall be built over the electric service going through the yard into the house.

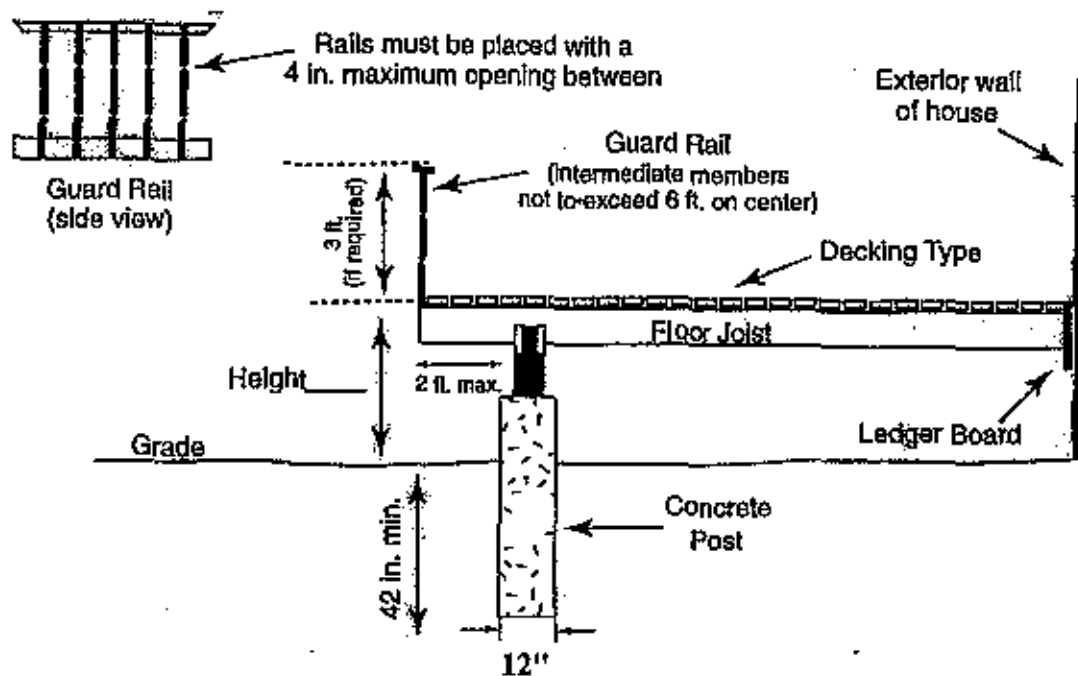
Not more than one-third (33.3%) of a lot can be occupied with a primary structure (house), accessory structures (*decks*, sheds etc.) and impervious surfaces (driveways, private walks, patios etc.).

*Deck post holes shall be a minimum of twelve inches (12") in diameter by forty-two inches (42") deep.*

The following materials are to be used for the deck frame:

1. Pressure treated lumber or decay-resistant heartwood of black locust, redwood or cedars.
2. Galvanized or stainless steel nails.
3. Galvanized half-inch ( $\frac{1}{2}$ " ) lag bolts every two feet (2') on center into a ledger board
4. Galvanized joist hangers.

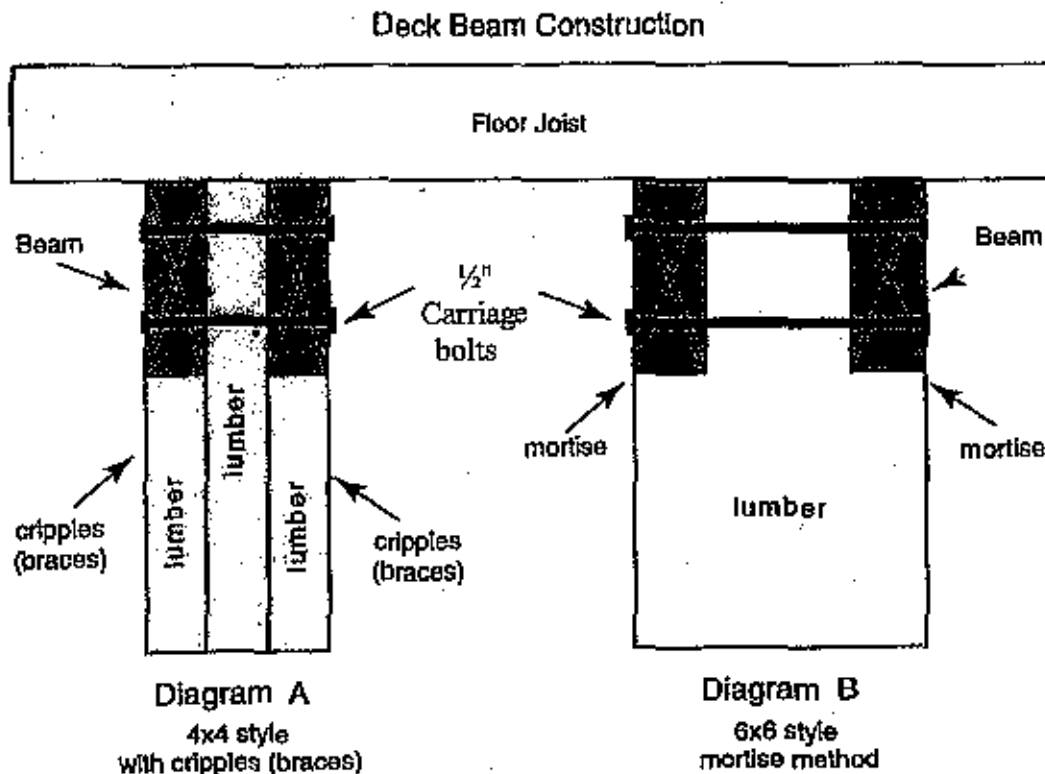
Decks located thirty inches (30") or more above the floor or grade below shall have a guard rail. ***All guard rails***, weather required or not, shall not be less than thirty-six inches (36") in height. Guard rails shall have balusters or pickets that do not allow passage of a sphere four inches (4") in diameter:



Handrails having minimum and maximum heights of thirty-four inches and thirty-eight inches (34" & 38") respectively, measured vertically from the nosing of the treads, shall be provided on at least one side of stairways with two or more risers. The hand grip portion of handrails shall have a circular cross section of one and a quarter inches (1 1/4") minimum to two and five-eighths inches (2 5/8") maximum. Other handrail shapes that provide an equivalent grasping surface are permissible.

The riser on the steps shall be no greater than seven and three-quarter inches (7 3/4") with the greatest riser height not to exceed the smallest by more than three-eighths of an inch (3/8"). Each tread shall be no less than ten inches (10").

Deck beams shall be constructed as shown in the following illustration:



## **Span Chart 40 Pound Live Load Spruce-pine-fir #2**

	<u>Joist Spacing* Max. Span (ft.-in.)</u>			<u>Joist Spacing* Max. Span (ft.-in.)</u>	
2x6	12 inches	10-3	2x10	12 inches	17-3
	16 inches	9-4		16 inches	15-5
	24 inches	8-1		24 inches	12-7
2x8	12 inches	13-6	2x12	12 inches	20-7
	16 inches	12-3		16 inches	17-10
	24 inches	10-3		24 inches	14-7

\* center to center spacing