



INFORM THE PLANS EXAMINER IF THE DECK YOU WISH TO BUILD WILL BE SIGNIFICANTLY DIFFERENT THAN THE ONE ILLUSTRATED

1. Pressure treated lumber is required for the load bearing lumber. Joists should not overhang a beam more than 2 feet. The most important issue is to provide adequate support and connections.

2" x 6" may span 9'5"
 2" x 8" may span 12'5"
 2" x 10" may span 15'10"
 2" x 12" may span 18'10"

2. Fasten with two 1/2" x 5" or longer lag screws 16" o.c. and three 16d nails per 16" space Place lag screws 1 1/2" from top and bottom deck band joist.
3. Spaced 7" o.c. is typical. Size determined by length and load.
4. A footing large enough to prevent the soil from being loaded more than 2,000 pounds per square foot is required.
5. Stairs having two or more risers shall have handrails. Guardrails are required where stairs or open-sided floors are more than 30" higher than grade or other surface below. Guardrails shall be at least 36" high, shall not allow a 4" sphere to pass and shall not create a ladder effect.
6. Maximum riser height shall be 7 3/4". Minimum tread depth shall be 10". Maximum tolerance between the greatest and least of either shall be 3/8". A tread nosing between 1/4" and 1 1/4" shall be provided if treads are less than 11" deep and risers shall be solid or not pass a 4" sphere unless less than 30" above grade or other surface below.
7. Handrail ends shall be returned or terminated in newel posts or safety terminals.