

TOWN OF NORTH GREENBUSH
 BUILDING DEPARTMENT
 2 DOUGLAS STREET
 WYNANTSILL, NY 12198
 (518) 283-2714 (518) 283-2261

GUIDELINES FOR PRESSURE TREATED DECKS

All work must comply with the requirements of the NYS Uniform Fire Prevention and Building Code. Upon issuing of Building Permit, permit and approved set of plans must be kept on job site for the duration of project and until a certificate of occupancy has been issued. Allowable spans are based on a 40# Live Load using #2 Spruce-Pine-Fir.

FLOOR JOISTS			CEILING JOISTS			RAFTERS		
Joist size	Spacing	Allowable Span	Joist Size	Spacing	Allowable Span	Rafter Size	Spacing	Allowable Span
2 X 6	16" o.c.	9'1"	2 x 4	16" o.c.	8'7"	2 x 6	16" o.c.	9'0"
2 X 6	12" o.c.	10'3"	2 x 4	12" o.c.	9'5"	2 x 6	12" o.c.	10'5"
2 X 8	16" o.c.	11'6"	2 x 6	16" o.c.	12'10"	2 x 8	16" o.c.	11'5"
2 X 8	12" o.c.	13'3"	2 x 6	12" o.c.	14'9"	2 x 8	12" o.c.	13'2"
2 X 10	16" o.c.	14'1"	2 x 8	16" o.c.	16'3"	2 x 10	16" o.c.	13'11"
2 X 10	12" o.c.	16'3"	2 x 8	12" o.c.	18'9"	2 x 10	12" o.c.	16'1"
2 X 12	16" o.c.	16'3"	2 x 10	16" o.c.	19'10"	2 x 12	16" o.c.	16'2"
2 X 12	12" o.c.	18'10"	2 x 10	12" o.c.	22'11"	2 x 12	12" o.c.	18'8"

[Table R502.3.1(2)] [Table R802.4(2)] [Table R802.5.1(6)]

Ledger Board (if attaching deck to house), should be properly flashed and fastened to house with lag screws with minimum sizes of 3/8" X 4" no greater than 2' – 0" apart.

Joists should be supported by Joist Hangers or resting on and fastened to the bearing beam.

- Stairs:**
- * unobstructed width of stair tread must be a minimum of 36"
 - . tread must be a minimum of 9" plus 1 1/4 " stair nosing
 - . Maximum riser height is 8 1/4"
 - . Maximum vertical rise of any run of stairs is 12' – 0"

- Railings:**
- * Top surface of handrails and railings should be at least 34" and not more than 38" from floor or stair tread level. On stair runs the height shall be measured directly above riser face.
 - . Handrails are required on at least one side and on all open sides of stairs.
 - . Landings, platforms and porches more than 30" above adjacent floor or grade must have railings on all open sides.
 - . Deck railings (guards) not less than 36" in height. Guard openings must be less than 4" apart.

- Footings:**
- * 4" X 4" posts require a minimum of an 8" diameter concrete footing with sonotube.
 - . 6' X 6" posts require a minimum of a 10" diameter concrete footing with sonotube.
 - . Footings must be a minimum of 48" in depth and on solid or compacted ground.
 - . Concrete footing must extend 6" above finished grade.
 - . Metal bases anchored to the concrete should be used to fasten posts to footings.

Items required with Building Permit Application:

1. Plans with dimensions indicating piers, beams, joist size and spacing.
2. Site Plan with deck locations and distance to property lines and pool, accessory building if applicable

Permit Fees: If deck area is less than 100 sq. ft. the fee is \$25.00
 If deck area is equal to or greater than 100 sq. ft. the fee is \$50.00

Inspections required include: 1. footings before concrete pour 2. framing 3. final inspection.