TOWN OF WILTON
22 TRAVER ROAD
GANSEVOORT, NEW YORK 12831-9127
(518) 587-1939, Ext. 603
FAX (518) 587-2837
Website: www.townofwilton.com
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Mark Mykins
Senior Building Inspector
Code Enforcement Officer
Zoning Officer

John Herlihy
Building Inspector
& Code Enforcement Officer

Marcus Hart
Asst. Building Inspector
& Asst. Code Enforcement Officer

BUILDING APPLICATION REQUIREMENTS FOR DECKS

The Building Inspector has up to twenty-eight (28) business days, not including weekends and/or holidays, to review permit applications.

SUBMISSION

1. Application for Building Permit for each permit requested on Building Department forms.
2. Description of Materials Specification sheet required for each permit.
3. Two sets of engineer or architect stamped building plans (drawings), for decks over 250 square feet showing footings, posts, beams, floor joist, decking, spindles and steps with railings. Detail showing post to beam attachment and (fastener pattern). Detail showing positive connection and (fastener pattern) to primary building (if applicable).
4. Site plan showing location of existing house with proposed deck location and setbacks to property lines.

DECK INSPECTIONS

1. Footings before poured or backfilled. Footings must be 48" below grade.
2. Framing before decking is applied if closer than 4' to grade.
3. Final when deck is completed with steps and handrails.

A minimum of twenty-four (24) hours notice is <u>required</u> for inspections.

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January 5, 2007

Dear Contractor/Applicant:

As of January 1, 2007, **all** building permit applications shall require plans stamped by an architect or engineer.

The **only** exceptions are:

1. Detached residential storage buildings of less than 250 square feet.
2. Decks of less than 250 square feet.

Buildings with a cellar or basement shall be required to have a perimeter drain and the interior of the foundation shall be fully stoned, under the entire slab, with a sump pit. A vapor barrier is required under the slab. An inspection of the basement slab, prior to pouring, shall be done to verify these items.

In addition, the actual basement floor elevation is required to be certified as meeting the required separation from season high groundwater. The same engineer that preformed the original groundwater tests and certification shall do this certification. This certification shall be submitted to the building department **prior** to inspection of the basement slab. I would recommend that the certification be completed prior to the framing of the structure, while the area is accessible and changes, which may be needed, can be accomplished.

Sincerely,

Mark E Mykins

Mark Mykins
Building Inspector

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APPLICATION FOR BUILDING AND ZONING PERMIT

DATE:	**PERMIT NUMBER:**
APPLICATION IS HEREBY MADE to the Town of Wilton Building Department for the issuance of a Building and Zoning Permit pursuant to the New York State Building Code for the construction of buildings, additions or alterations, or for the removal or demolition, as herein described. The applicant or owner agrees to comply with all applicable laws, ordinances, regulations and all conditions expressed on the back of this application which are part of these requirements, and will allow all inspectors to enter the premises for the required inspections.	

NOTE – READ INSTRUCTIONS ON THE REVERSE SIDE

Applicant's Name:	**ZONING DISTRICT:**		
Applicants Address:	Lot Size:	Area (sq. ft.):	
	Existing Structure Size (sq. ft.):		
Applicant's Phone Number:	Existing Structure Use:		
Owner's Name:	New Structure Size (sq. ft.):		
Owner's Address:	Kind of Structure:		
	NEW STRUCTURE YARDS:		
Owner's Phone Number:	Front Yard Distance: (in feet):		
Contractor's Name:	Right Side Yard Distance (in feet):		
Contractor's Address:	Left Side Yard Distance (in feet):		
	Rear Yard Distance (in feet):		
Contractor's Phone Number:	Height (in feet):		
	ACCESSORY STRUCTURE LOCATION:		
Street Address of Property	Left Side Yd.	Right Side Yd.	Rear Yd.
Tax Map Number:	Estimated Cost $:		
Existing Use:	Living Space (sq. ft.)	Porches (sq. ft.)	
Intended Use:	Decks (sq. ft.)	Other	
Name of Workers Compensation Carrier:	Garage (sq. ft.)	Number of Stalls	
Policy Number (forms must be attached)	**Total Square Footage:**		
	Fee $		
Note: THIS BUILDING PERMIT IS EFFECTIVE FOR (1) YEAR FROM DATE OF ISSUANCE.	***ALL ELECTRICAL WORK MUST BE INSPECTED BY AND A CERTIFICATE OF APPROVAL OBTAINED FROM A NEW YORK STATE CERTIFIED INSPECTION AGENCY.***		
Signature of Owner	Date		
Signature of Applicant	Date		
Signature of Contractor	Date		

The application of_____ dated_____, 20_____ is hereby approved (disapproved) and permission granted (refused) for the construction or alteration of a building and/or accessory structure as set forth above.

Reason for refusal of permit:_____

_____

Dated_____, 20_____

Superintendent of Buildings

BUILDING APPLICATION REQUIREMENTS

TOWN OF WILTON

22 Traver Road
Gansevoort, New York 12831
(518) 587-1939 Ext: 603
FAX (518)587-2837

THE BUILDING DEPARTMENT MAY TAKE 8 WEEKS OR MORE, NOT INCLUDING WEEKENDS AND/OR HOLIDAYS, TO REVIEW PERMITS.

SUBMISSION

1. Application for Building and Zoning Permit required for each permit requested on Building Department Forms.
2. Description of Materials specification sheet required for each permit requested. (Photocopies are not allowed, plans and spec. sheets shall match and be completely filled out for each application.)
3. A minimum of two sets of Building Plans with original stamp and signature of a New York State licensed Engineer or Architect. (One set shall be returned to the applicant to be located on site for the use of the building department.)
4. Building plans shall include:
   a. Construction documents shall show the size, section and relative locations of structural members with floor levels, column centers and offsets fully dimensioned. The design loads and other information pertinent to the structural design required by §1603.1.1 through §1603.1.8 of the Building Code of New York State shall be clearly indicated on the construction documents for parts of the building or structure.
   b. Mechanical Plans as required to determine compliance with the applicable code of New York State.
   c. Plumbing diagrams as required to determine compliance with the applicable code of New York State.
   d. Electrical Plans as required to determine compliance with the applicable code of New York State.
   e. Energy Code Compliance check list, including ResCheck or ComCheck.
   f. Light & Ventilation Schedule - room by room, including emergency egress when required.
   g. Stair and guard detail
5. Survey showing proposed house location with all setbacks, finished basement floor elevation, finished foundation elevation and road/street elevation.

6. Certification of Seasonal High Groundwater Elevation by a licensed professional (P.E. or P.L.S.)
7. Well tests for individual lots including water flow and coliform bacteria testing, per New York State Department of Health standards.
8. Septic system designed by a Licensed Professional.
9. Certificate of Insurance Liability/Worker's Compensation with Town of Wilton listed as certificate holder.

FEES

Residential: $.20 sf. Minimum Fee $50.00
(Total sq. ft. including garages, decks, porches and any covered area)

Commercial $.30 sf. Minimum Fee $150.00

GENERAL REQUIREMENTS

1. Minimum of three (3) #4 or two (2) #5 reinforcement bar in footings, to be determined by Building Department.
2. Basement floor elevation must be minimum 3' above seasonal high ground water.
3. Poured foundations must be keyed or pinned.
4. Minimum 10" block or 8" poured foundations for all main structures.
5. Block foundations must be parged and tarred or other acceptable equivalent.
6. Poured foundations must be tarred or other acceptable equivalent.
7. All foundations must be pitched from the block or poured wall to the edge of the footing to ensure water run-off.
8. Finished floor elevation must meet approved subdivision requirements or minimum 2' above road elevation unless prior written approval by the building department.
9. All exhaust fans must be vented directly to outdoors.
10. Only ONE heating appliance per masonry chimney flue.
11. All single wall steel pipes must be at least 24 gauge.
12. Factory built chimney must be "listed" by national testing agency.
13. "Listed" chimney must be triple insulated as it passes through the structure.
14. Wall nearest stovepipe must be protected by a non-combustible material with 1" min. air space.
15. Non-combustible flooring for woodstoves must extend 18" beyond ash door and extend 6" beyond sides and back.
16. Fireplace hearth minimum width 16" and extend at least 8" beyond each side of the fireplace opening. (Where opening is six square feet or larger hearth shall have a minimum width 20" and extend at least 12" beyond each side of the fireplace, R1003.10)
17. All "fuel chimneys" must maintain a 2" clearance from all combustibles.
18. Masonry chimney clay flue must be 5/8" thick minimum.

19. Chimneys, factory built and/or masonry, must extend 3' above highest point that it passes through, and minimum 2' higher than any portion of the building within 10'.
20. Factory built chimneys - if in chase - must have a fire stop every 8' maximum.
21. All fireplaces must have fresh air, glass doors, and a clean out.
22. **Written Certification by the installer of the chimney, fireplace, insert, and/or woodstove certifying the installation was done to NFPA 211 and State and Local Codes.**
23. A copy of the manufacturer's installation manual MUST be submitted for all woodstoves, inserts and/or factory built fireplaces.
24. Minimum 3" vent pipe as it passes through the roof.
25. Water supply system copper piping must be K or L.
26. Basement/Cellar Walls - Minimum depth of insulation **below grade:**
27. Basement/Cellar Wall Insulation Minimum R-11 consisting of either:
28. Leach field must be a minimum 4' above seasonal high ground water.
    a. Vapor barrier and 15 minute thermal barrier
    b. 0-25 flame spread rating foil faced
29. Septic System Diagram showing actual location on minimum 8 1/2" X 11" or larger sheet which shall include:
    a. Delineating property lines, street lines, building location and dimensions, and driveway and/or parking area.
    b. Lot number and street address.
    c. Distance of septic tank, distribution box, and leach field from foundation.
    d. Diagonals to clean out of septic tank and distribution box from foundation corners.
    e. Distance of well location from house, septic tank and leach fields.
    f. Name, address, and phone number of the Septic System Contractor.
    g. Signature of actual installer of the septic system.
30. Septic System Diagram designed by an Engineer showing actual location on minimum 8 1/2" X 11" or larger sheet which shall include:
    a. Delineating property lines, street lines, building location and dimensions, and driveway and/or parking area.
    b. Lot number and street address.
    c. Distance of septic tank, distribution box, and leach field from foundation.
    d. Diagonals to clean out of septic tank and distribution box from foundation corners.
    e. Distance of well location from house, septic tank and leach fields.
    f. Name, address, and phone number of the Septic System Contractor.
    g. Signature of actual installer of the septic system.

INSPECTIONS

By the Building Department are required at the following schedule (a **MINIMUM** 24 hours notice for all required inspections, voice mail inspection requests are not allowed). Additional inspections will not be scheduled until the prior inspection passes. The Building Department may impose a fine on contractors who make appointments for inspections and then do not notify said Department if, for some reason (including work not being completed), the inspection should have been cancelled or postponed:

1. Footings - before pouring.
2. Foundation - prior to backfill (foundations shall be capped or properly braced prior to inspection.)
3. Slab before pour.
4. Framing, Rough Plumbing and Heating. (Truss certificates are required to be provided prior to framing inspection. Will also be checking for house wrap.) Approved plans shall be located on site to the inspector's use during inspection.
5. Ice and Water Barrier
6. Insulation and Vapor Barrier, to be completed in conjunction with the MecCheck or ResCheck as provided with application.
7. Other inspections deemed necessary by the Building Department.
8. Septic system to be inspected and certified by the designing engineer and the building inspector.
9. Final Inspection for Certificate of Occupancy.

Building Permits and Building Plans are to be posted on the site, covered for protection against the weather and accessible to the Building Inspector. If the permit and plans are not available, the inspection will not be performed.

CERTIFICATE OF OCCUPANCY - Prior to scheduling an inspection the following items must be on file with Town of Wilton Building Department:

1. **For Commercial Applications:**
   a. Truss certificates.
   b. Water test results: quality and quantity. (New test)
   c. Written certification, by a Licensed Professional Engineer, that the septic system has been installed as per the Town of Wilton and the New York State Department of Health Appendix 75-A.9
   d. A registered design professional shall provide to the code enforcement official a written certification that the required HVAC tests, system balancing, etc., have been performed and that, in the professional opinion of the registered design professional, the system is operating as designed. The registered design professional shall retain copies of the test reports to be provided to the code enforcement official, if requested.
   e. Certification from the plumbing, sprinkler, fire alarm and other building system installers that the system was installed and tested as per the requirements of the code and the system is operating as required.
   f. Certification from the roofing contractor that an ice barrier was installed as per the requirements of the code.
   g. Stamped as-built plans for the building.
   h. Stamped as-built site plan with certification from the designing engineer that the site substantially complies with the approved site plan.

i. List of all interior finishes with a manufacturer's specification sheet indicating the flame spread.
j. Proof of final electrical inspection.
k. Such other information and/or certification deemed necessary by the Building Inspector to establish compliance of work performed.
l. Premises identification as required by code.

2. **For Residential Applications:**

a. Truss certificates. (Provided prior to framing inspection.)
b. Water test results: quality and quantity. (Tested within four weeks of submission for C.O.))
c. Written certification, by a Licensed Professional Engineer, that the septic system has been installed as per the Town of Wilton and the New York State Department of Health Appendix 75-A.9
d. Manufacturer's installation manual for woodstove, insert and/or factory-built fireplace (if applicable)
e. Written certification by the installer certifying the installation of the chimney, fireplace, factory-built fireplace, insert and/or woodstove.
f. Stamped final survey.
g. Proof of final electrical inspection.
h. Premises identification as required by code.

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DESCRIPTION OF MATERIALS

SUBMIT WITH CORRESPONDING PLANS AND APPLICATION FOR BUILDING AND ZONING PERMIT ALL APPLICABLE SECTIONS MUST BE COMPLETED **BEFORE** BUILDING PERMIT CAN BE ISSUED.

1. EXCAVATION:

Type of Soil

2. FOUNDATION:

All concrete to be a min. 3000 P.S.I.

Footing Sizes:	Portland Cement Coat: Yes No
Foundation wall size & material:	Damp proofing material:
Column Footing Size:	Termite Protection:
Column size & material: /Spacing	Anchor Bolts: O.C.
Girder size & material:	Footing drainage size (3"min. if req'd.)
Footing depth: (min. 48" from grade to top of footing)	

3. SLAB ON GRADE:

Vapor barrier:	Perimeter insulation:
	Size & type:

4. CRAWL SPACE:

Clearance (30" min.):	Vapor barrier: Yes
Insulation:	Ventilation: Yes No
Footing depth:	Concrete Floor: Yes No

5. CHIMNEY'S:

Material: masonry metal	Flue size:
Thimble size:	Flue lining: clay metal
Prefabricated: Single Double Triple (wall)	Cleanout: yes no

6. FIREPLACES:

Type: solid fuel gas burning	Type: masonry prefabricated
Flue lining: clay metal	Fresh air: yes no
Flue size:	Ash dump & cleanout:
Hearth: yes no	Distance from firebox opening: Width Distance beyond each side
Fireplace facing:	

7. WOODSTOVES:

Woodstove:	yes	no	Insert:	yes	no		
Make & Model:						New	Used

NOTE: A COPY OF THE MANUFACTURES INSTALLATION MANUAL **MUST** BE SUBMITTED WITH APPLICATION.

8. FLOOR FRAMING:

SILL:

Size:	Type:		Sealant:	Yes	No

1st FLOOR:

Joist grade:		Size & spacing:		OC	Bridging:
Sub-floor (material & size):			Finish floor material:		

2nd FLOOR:

Joist grade:		Size & spacing:		OC	Bridging:
Sub-floor (material & size):			Finish floor material:		

9. EXTERIOR WALLS:

Wood frame grade & species:			Stud size & spacing:	OC
Corner bracing: Yes	No	Material	Sheathing (thickness & type):	
Building paper:			Siding:	
Masonry veneer:			Brick ties:	

10. INSULATION and VAPOR BARRIER (See also N.Y.S. Energy Code)

(Size, material & R-factor)

Roof:		Ceiling:	
Walls:		Slab (Perimeter):	
Foundation Walls:		Proper Vent: Yes	No
Floors over unheated basement or garage:			

11. PARTITION FRAMING:

Stud grade:	Size & spacing:	OC

12. CEILING JOIST:

Grade:	Size &spacing:		OC	Bridging:

13. ROOF FRAMING: Minimum design for 50 lb. per sq. foot ground snow load:

Rafters, size & grade:			Ridge size:				
Collar ties:	size	OC	Trusses:	OC	H Clip:	Yes	No
Sheathing (thickness & type):							

14. ROOFING:

Material:	Weight:
Felt (15# min.):	Ice and water barrier required:

15. INTERIOR FINISH (Sheetrock, size, etc.):

Walls:	Ceiling:

16. STAIRS:

Main:	Width:	Rise:	Run:	Headroom:
Basement:	Width:	Rise:	Run:	Headroom:
Other:	Width:	Rise:	Run:	Headroom:
	Width:	Rise:	Run:	Headroom:

NOTE: Maximum rise 8-¼ Minimum Run 9"+ 1-⅛ nosing.

17. PLUMBING: (Vent size through roof minimum 3")

Sink drain size:	Vent size:	Lavatory drain size:	Vent size:
Water closet drain size:	Vent size:	Bathtub drain size:	Vent size:
Stall shower drain size:	Vent size:	Laundry drain size:	Vent size:
Water system piping:	Copper K L	Plastic	
Water heater:	Electric Gas	Other	

BUILDING HOUSE DRAIN – SIZE & MATERIAL:

4" House trap location (also show on plans):

18. SEWAGE DISPOSAL:

County/Town Sewer Engineered and approved septic system:

19. HEATING

BTUH RATING		Flue type & size:		
Type:	Heat Pump	Electric	Hot Water	Other
Fuel:	Electric	Gas	Oil	Other

20. ATTIC VENTILATION:

Ridge Vent:	Yes	No	Gable:	Yes	No
Soffit:	Yes	No	Other (description):		

21. EXTERIOR DOORS:

Main Entry Door size (min. 36")

House Door to Attached Garage size (min. ¾ hr. fire rated, self closing & latching):

Other (specify type & size): 1.

2.

3.

22. ELECTRICAL WIRING – Outside agency inspection by town approved agency:

Safety switch for oil / gas burner: Yes No

Number of smoke and CO detectors (show on plans):

23. PORCHES:

Footing size:	Footing Depth:
Foundation:	Size:

24. GARAGE:

Attached	Detached	Under living space	No. of stalls:
Footing size:		Footing Depth:	
Foundation size:		Poured	Block
Sheetrock (size & fire rating):	Wall:	Ceiling:	

House Door to Attached Garage size (min. ¾ hr. fire rated, self closing & latching):

REMARKS:

I, THE UNDERSIGNED, DO HEREBY AGREE TO FURNISH, SUPPLY AND INSTALL THE AFOREMENTIONED MATERIALS AND COMPLY WITH THE SPECIFICATIONS SET FORTH ABOVE IN CONJUNCTION WITH THE ERECTION AND CONSTRUCTION OF THE BUILDING(S) FOR WHICH PLANS WERE SUBMITTED AND APPROVED. ALL ITEMS COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PREVENTION & BUILDING CODE AND THE TOWN OF WILTON BUILDING APPLICATION REQUIREMENTS.

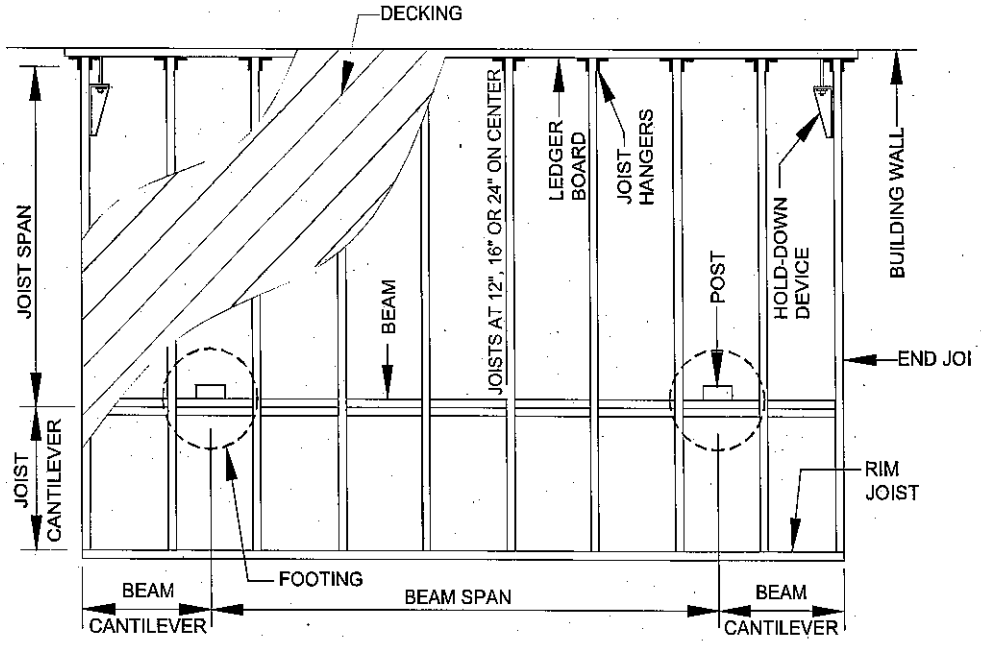
Date: 20

Applicant

SECTION R507
DECKS

R507.1 Application. The provisions of this section shall provide prescriptive requirements for the design and construction of all uncovered, wood-framed, single-span exterior decks.

R507.2 Requirements. Deck construction shall be capable of accommodating all vertical and horizontal loads in accordance with Section R301 and of transmitting the resulting loads to the supporting structural elements. Where a deck, or portions thereof, does not comply with one or more of the requirements of this section, those portions shall be designed in accordance with Section R301.1.3, AF&PA/NDS and accepted engineering practice.



For SI: 1 inch = 25.4 mm

FIGURE R507.2
DECK CONSTRUCTION

R507.3 Materials. Materials used in the construction of a deck shall meet the provisions of this section and as approved per Section 112.2 of the Virginia Construction Code.

R507.3.1 Preservative-treated lumber. Dimensioned lumber shall be identified in accordance with Section R502.1 and preservative-treated in accordance with Section R317. All lumber in contact with the ground shall be identified as suitable for ground contact.

R507.3.2 Fasteners and connectors. All fasteners and connectors shall be in accordance with Section R317.3 and installed in per the manufacturer. Fasteners and connectors exposed to salt water or located within 300 feet (90 m) of a salt-water shoreline shall be stainless steel grade 304 or 316 in accordance with ASTM A 240. All nails shall be helical or annular and in accordance with ASTM F 1667. Bolts and screws shall be in accordance with ANSI/ASME B18.6 and installed in accordance with AF&PA/NDS.

R507.3.3 Flashing. Flashing shall be corrosion-resistant metal of minimum nominal 0.019 inch (0.5 mm) thickness or approved non-metallic material.

R507.3.4 Wood/plastic composites. Wood/plastic composites shall bear a label indicating the required performance levels and demonstrating compliance with the provisions of ASTM D 7032 and shall be installed per the manufacturer.

R507.4 Decking. Wood decking shall be nominal 2x6 lumber, span-rated decking or wood/plastic composites placed at an angle between 45 and 90 degrees to the joists with a ⅛ inch (3 mm) spacing between parallel members or per the manufacturer. Decking shall be attached to each joist with (2)8d nails, (2)#8 wood screws or per the manufacturer. Decking shall be secured to the top of the band joist with 8d nails or #8 wood screws at 6 inches (152 mm) on center.

R507.5 Joists. Joists shall be constructed in accordance Figure R507.5 with allowable spans in accordance with Table R507.5. The maximum cantilever permitted shall be equal to ¼ of the joist span.

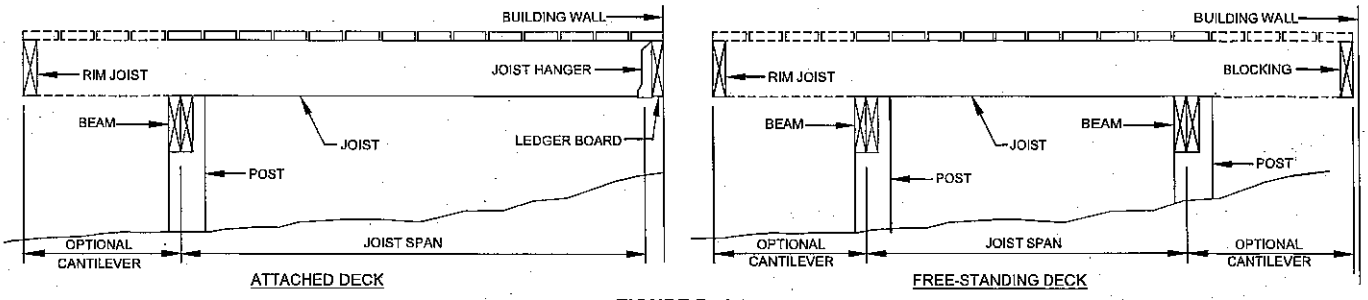


FIGURE R507.5
DECK JOIST SPANS

TABLE R507.5
SPAN LENGTHS DECK JOISTS
(maximum spans for southern pine [a])

JOIST SPACING (inches)	JOIST SIZE	JOISTS WITH NO CANTILEVER	JOISTS WITH CANTILEVERS
12	2 x 6	11'-1"	7'-5"
	2 x 8	13'-8"	10'-9"
	2 x 10	17'-5"	15'-6"
	2 x 12	18'-0"	18'-0"
16	2 x 6	9'-7"	6'-9"
	2 x 8	12'-5"	10'-9"
	2 x 10	15'-10"	15'-6"
	2 x 12	18'-10"	18'-0"
24	2 x 6	7'-10"	5'-10"
	2 x 8	10'-2"	10'-2"
	2 x 10	13'-1"	13'-1"
	2 x 12	15'-5"	15'-5"

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

a. Tabulated values are based on grade #2 and wet service.

R507.5.1 Joist bearing. Joist bearing shall be provided in accordance with Section R502.6 and fastened to the beam in accordance with Table R602.3(1) and to the joist hangers per the manufacturer. Joist hangers shall have a capacity as specified in Table R507.5.1.

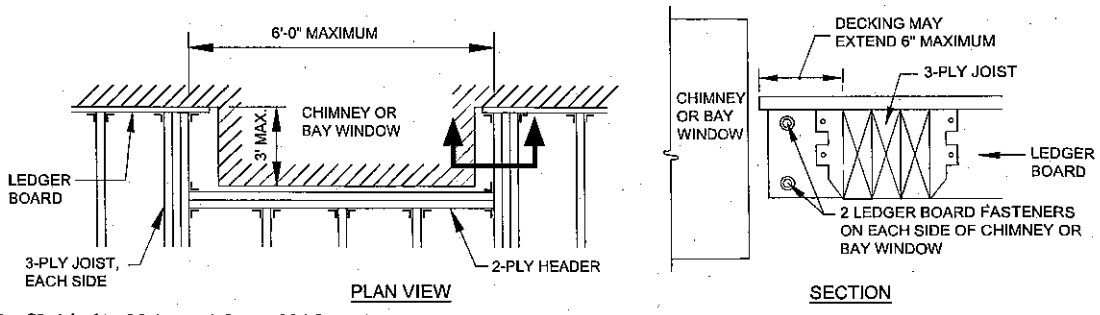
Table R507.5.1
JOIST HANGER CAPACITY

JOIST SIZE	CAPACITY (pounds)
2 x 6	350
2 x 8	600
2 x 10	700
2 x 12	800

For SI: 1 pound = 4.45 N

R507.5.2 Joist ends. Rim joists of the same dimensioned lumber as the joists shall be secured to the end of each joist with (3)10d nails or (3)#10x3 inch long wood screws. Joist ends adjacent to the building wall of free-standing decks shall be blocked with full depth nominal 2x lumber toe nailed at each end with (3)10d nails.

R507.5.3 Joist framing at chimney or bay window. Joist and header framing at chimneys, bay windows and other building protrusions shall be constructed in accordance with Figure R507.5.3 and Table R602.3(1). The size of each header ply shall be equal to the specified joist size. Joist hangers shall be specifically designed for the number of plies identified.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

FIGURE R507.5
FRAMING AT CHIMNEY OR BAY WINDOW

R507.6 Beams. Beams shall be constructed in accordance Figure R507.6 with plies fastened in accordance with Table R602.3(1). Allowable beam spans shall be in accordance with Table R507.6. Beams shall be permitted to cantilever at each end up to ¼ of the beam span. Splices of multi-span beams shall be located at interior post locations.

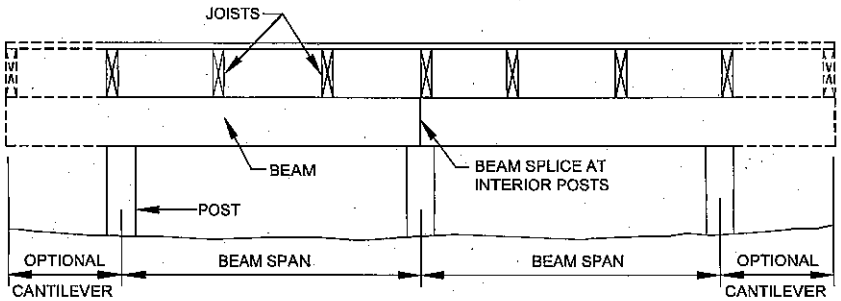


FIGURE R507.6
DECK BEAM SPANS

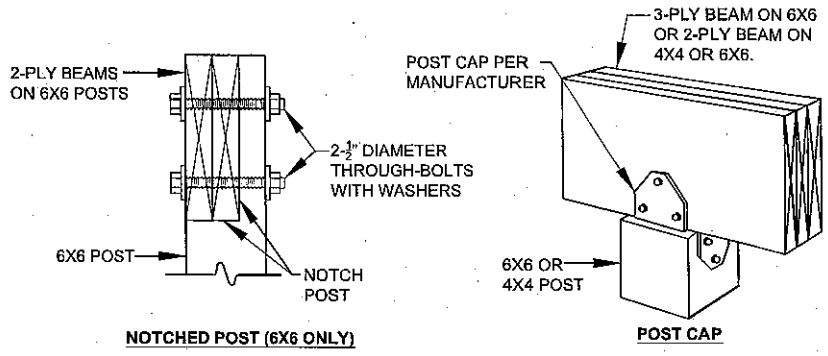
TABLE R507.6
BEAM SPAN LENGTHS[a]

JOIST SPAN	BEAM SIZE							
	(2)2x6	(2)2x8	(2)2x10	(2)2x12	(3)2x6	(3)2x8	(3)2x10	(3)2x12
≤ 6'	7'-1"	9'-2"	11'-10"	13'-11"	8'-7"	11'-4"	14'-5"	17'-5"
6' - 8'	6'-2"	7'-11"	10'-3"	12'-0"	7'-8"	9'-11"	12'-10"	15'-1"
8' - 10'	5'-6"	7'-1"	9'-2"	10'-9"	6'-11"	8'-11"	11'-6"	13'-6"
10' - 12'	5'-0"	6'-6"	8'-5"	9'-10"	6'-3"	8'-1"	10'-6"	12'-4"
12' - 14'	4'-8"	6'-0"	7'-9"	9'-1"	5'-10"	7'-6"	9'-9"	11'-5"
14' - 16'	4'-4"	5'-7"	7'-3"	8'-6"	5'-5"	7'-0"	9'-1"	10'-8"
16' - 18'	4'-1"	5'-3"	6'-10"	8'-0"	5'-2"	6'-7"	8'-7"	10'-1"

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

a. Tabulated values are based on southern pine, grade #2, wet service.

R507.6.1 Beam bearing. Beam bearing shall be provided at posts in accordance with Section R502.6 and Figure R507.6.1. Post caps, if used, shall have a minimum capacity of 5,000 pounds (22.25 kN) and shall be specifically manufactured for the beam and post sizes.



For SI: 1 inch = 25.4 mm

FIGURE R507.6.1
BEAM BEARING

R507.7 Posts. Posts shall be nominal 4x4 with a maximum height of 10 feet (3048 mm) or nominal 6x6 with a maximum height of 18 feet (5486 mm). Post height shall be measured from the top of the footing to the underside of the beam. Post to beam connections shall be in accordance with Section R507.6.1, and post to footing connections shall be in accordance with Section R507.8.

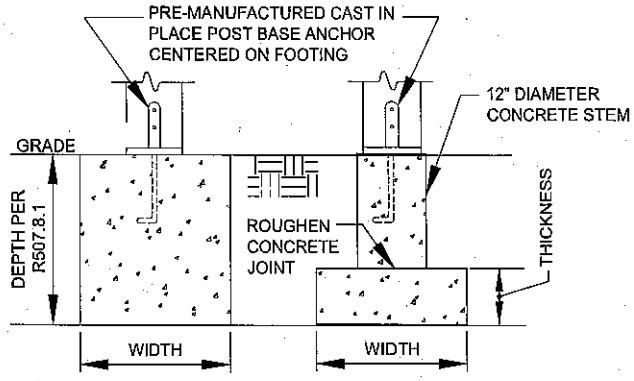
R507.8 Footings. Deck footings shall meet the requirements of Section R403, Figure R507.8 and Table R507.8.

TABLE R507.8
FOOTING SIZES

BEAM SPAN	JOIST SPAN	FOOTING WIDTH		MINIMUM THICKNESS
		SQUARE	ROUND	
≤ 8'	≤ 10'	15"	17"	6"
	10' - 14'	18"	20"	8"
	14' - 18'	21"	23"	9"
8' - 12'	≤ 10'	19"	21"	8"
	10' - 14'	22"	24"	10"
	14' - 18'	26"	28"	11"
12' - 17'-5"	≤ 10'	23"	25"	10"
	10' - 14'	28"	30"	12"

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

a. Tabular values are based on 1,500 pounds per square foot (71.8 kPa) load bearing pressure.



For SI: 1 inch = 25.4 mm

FIGURE R507.8
DECK FOOTINGS

R507.8.1 Footing depth. The minimum depth of footings shall meet the requirements of Section R403.1.4 and be of sufficient depth such that the footing does not impose lateral pressure on adjacent building foundation walls.

R507.9 Deck attachment to building. Decks shall be attached to the building wall in accordance with this section or shall be free-standing per Section R507.10. Deck ledger boards shall be nominal 2x lumber with a depth greater than or equal to the deck joists.

R507.9.1 Attachment to resist vertical load. Decks shall be attached to the building wall to resist vertical load in accordance with Sections R507.9.1.1 through R507.9.1.4.

R507.9.1.1 Ledger board to band board. A ledger board shall be attached to a nominal 2x lumber band board with ½ inch (13 mm) diameter lag screws or through bolts with washers at a spacing specified in Section R507.9.1.4 and as shown in Figure R507.9.1.1. The exterior finish material shall be removed prior to installation of the ledger board. Flashing at a door threshold shall be installed to prevent water intrusion from rain or melting ice and snow.

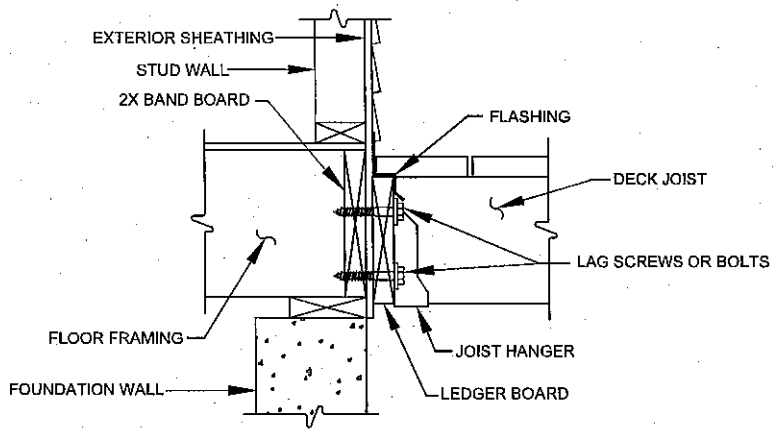


FIGURE R507.9.1.1
LEDGER BOARD TO BAND BOARD ATTACHMENT

R507.9.1.2 Ledger board to solid foundation wall. A ledger board shall be attached to a concrete or solid masonry foundation wall with approved ½ inch (13 mm) diameter expansion anchors at a spacing specified in Section R507.9.5 and as shown in Figure R507.9.2. Expansion anchors shall be installed per the manufacturer.

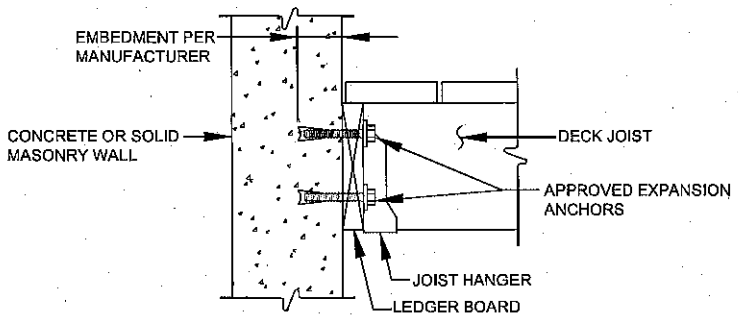
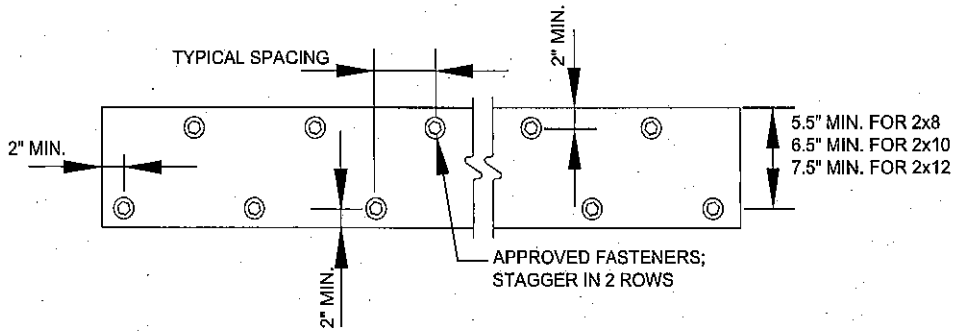


FIGURE R507.9.2
LEDGER BOARD TO SOLID FOUNDATION WALL ATTACHMENT

R507.9.1.3 Alternate connections. An approved engineered wood rim board with a minimum thickness of 1 inch (25 mm) shall be permitted to substitute for a 2x lumber band board provided it has designed and manufactured to support a deck. A ledger board attachment to a masonry or stone veneer, hollow masonry wall, ribbon board of open web floor trusses, band board of a cantilevered floor and other conditions not addressed herein shall be designed in accordance with accepted engineering practice, or the deck shall be free-standing in accordance with Section R507.10.

R507.9.1.4 Fastener placement. Ledger board fasteners shall be placed in accordance with Figure R507.9.1.4 and spaced in accordance with Table R507.9.1.4 to resist vertical load.



For SI: 1 inch = 25.4 mm

FIGURE R507.9.1.4
LEDGER BOARD FASTENER PLACEMENT

TABLE R507.9.1.4
FASTENER SPACING

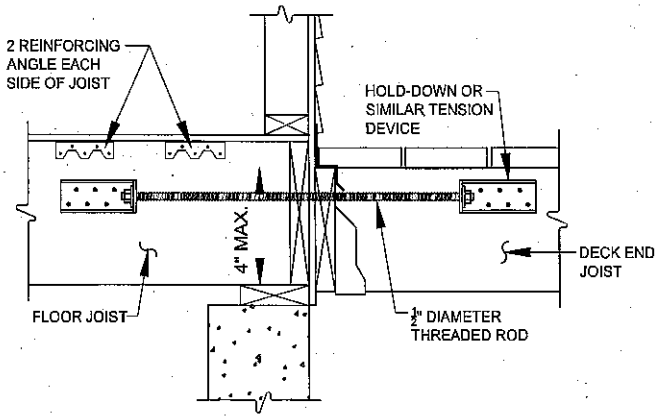
FASTENER	BAND BOARD	JOIST SPAN						
		≤6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	16'-18'
Lag screws [a]	1" min. engineered wood product	24"	18"	14"	12"	10"	9"	8"
	2x lumber	30"	23"	18"	15"	13"	11"	10"
Through bolts	1" min. engineered wood product	24"	18"	14"	12"	10"	9"	8"
	2x lumber	36"	36"	34"	29"	24"	21"	19"
Expansion anchors	-	36"	36"	34"	29"	24"	21"	19"

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

a. The tip of the lag screw shall fully extend beyond the inside face of the band board.

R507.9.2 Attachment to resist horizontal load. Decks shall be capable of resisting lateral load equivalent to a 1,500 pound (6672 N) tension force at each end of the deck ledger in accordance with this section or accepted engineering practice.

R507.9.2.1 Connection at parallel joists. Where floor joists and deck joists are parallel, provide a hold-down or similar tension device with a minimum capacity of 1,500 pounds (6672 N) at each end joist as shown in Figures R507.2 and R507.9.2.1(1). Where floor joists and deck joists do not align, threaded rods shall be permitted to offset as shown in Figure R507.9.2.1(2) and per the manufacturer of the hold-down or tension device system. Reinforcing angles shall have a minimum capacity of 375 pounds (1668 N) and shall not be required where the floor sheathing is attached to the floor joists with fasteners at 6 inches (152 mm) on center.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

FIGURE R507.9.2.1(1)
CONNECTION AT PARALLEL JOISTS

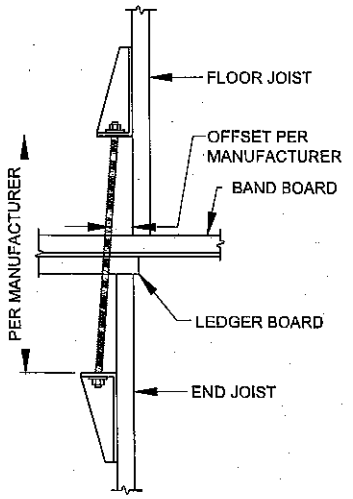
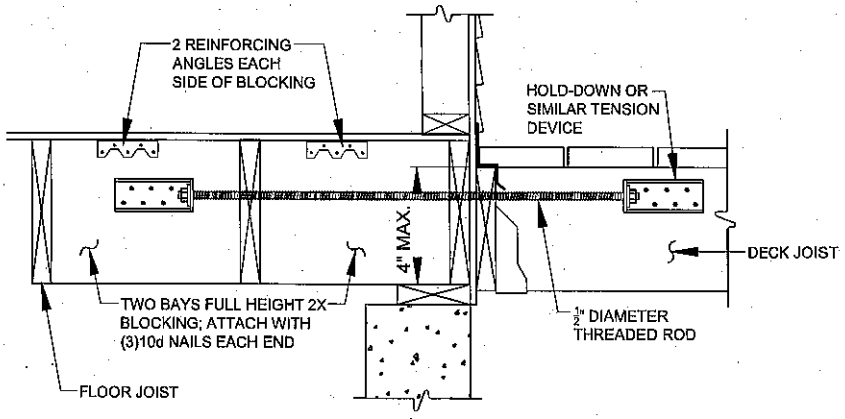


FIGURE R507.9.2.1(2)
OFFSET AT PARALLEL JOISTS

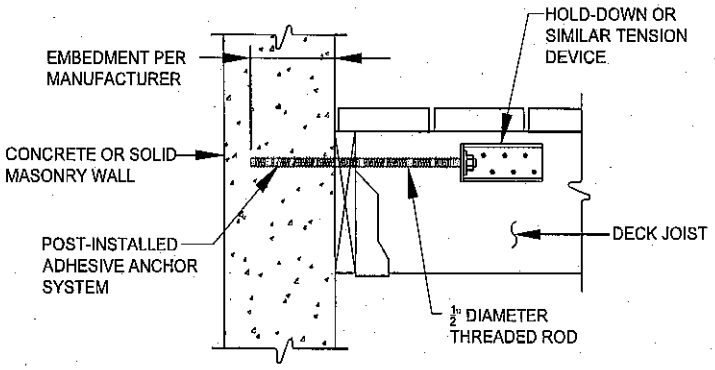
R507.9.2.2 Connection at perpendicular joists. Where floor joists and deck joists are perpendicular, provide a hold-down or similar tension device with a minimum capacity of 1,500 pounds (6672 N) at each end joist and blocking between floor joists as shown in Figure R507.9.2.2. Reinforcing angles shall have a minimum capacity of 375 pounds (1668 N) and shall not be required where the floor sheathing is attached to the floor joists with fasteners at 6 inches (152 mm) on center.



For SI: 1 inch = 25.4 mm

FIGURE R507.9.2.2
LATERAL SUPPORT WHERE INTERIOR JOIST PERPENDICULAR TO DECK

R507.9.2.3 Connection at solid foundation wall. Where decks are attached to concrete or solid masonry foundation walls, provide a hold-down or similar tension device as shown in Figure R507.9.2.3. Post-installed adhesive anchor system shall have a pull-out capacity of 1,500 pounds (6672 N). Embedment length and installation shall be per the manufacturer. Holes through the ledger board shall be protected to prevent water intrusion.



For SI: 1 inch = 25.4 mm

FIGURE R507.9.2.3
LATERAL SUPPORT TO SOLID FOUNDATION WALL

R507.10 Free-standing decks. As shown in Figure R507.10, free-standing decks shall have an additional beam and posts adjacent the building exterior wall in place of a ledger board attachment. The beam shall be sized in accordance with Section R507.6 and shall be located adjacent the exterior wall or at a maximum distance equal to the allowable joist cantilever.

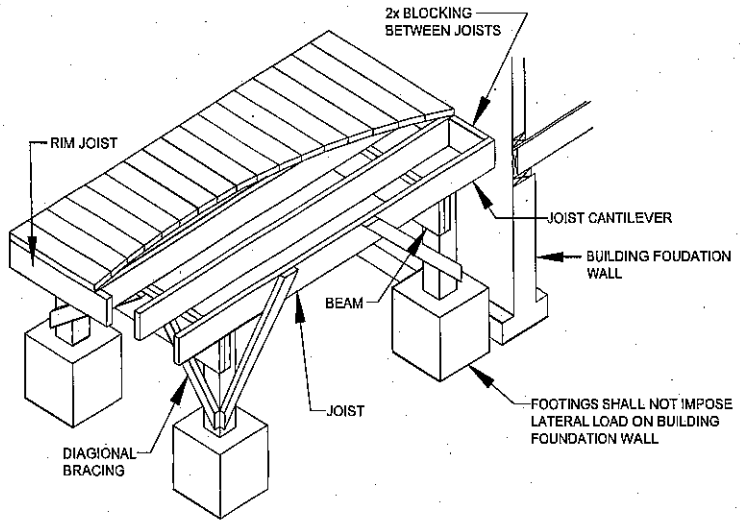
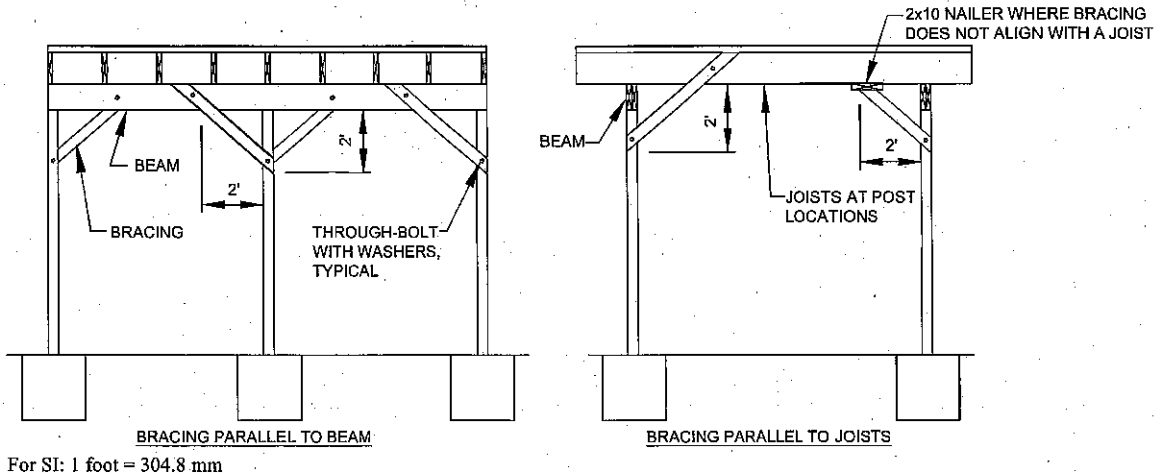


FIGURE R507.10
FREE-STANDING DECK

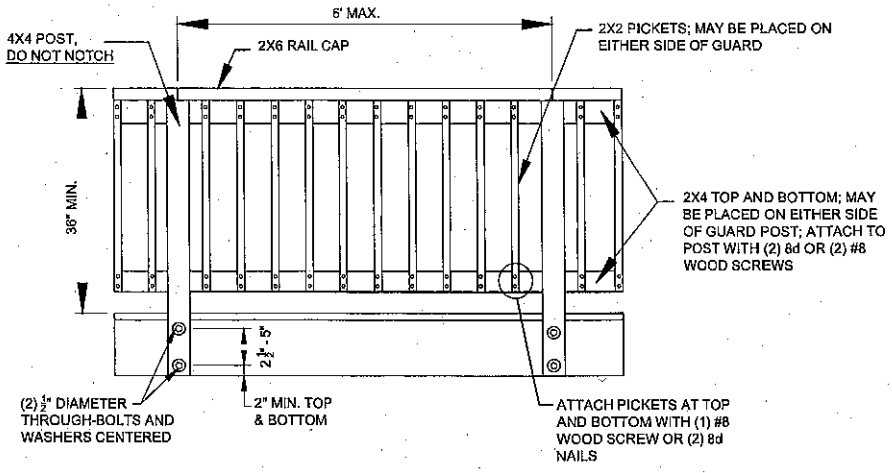
R507.10.1 Diagonal bracing. Diagonal bracing shall be installed on free-standing decks greater than 30 inches (762 mm) above grade in accordance with Figure R507.10.1. Bracing shall be placed at each post location in the parallel and perpendicular directions to the beam. Bracing shall be a minimum of nominal 2x4 lumber and shall be fastened to framing with one ½ inch (12 mm) diameter through bolt with washers at each end. Where bracing does not align with a joist, a 2x10 nailer shall be fastened to the underside of joists with 2-10d nails at each joist. Bracing shall be fastened to the nailer with 3-10d toe nails.



For SI: 1 foot = 304.8 mm

FIGURE R507.10.1
FREE-STANDING DECK DIAGONAL BRACING

R507.12 Deck guards. Deck guards shall be constructed in accordance with Section R312, Figure R507.12 and this section. Alternate guards and guard systems shall comply with Section R507.2.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

FIGURE R507.12
DECK GUARD

R507.12.1 Guard post attachment. Guard posts shall be attached to the inside or outside face of the rim joists or end joists in accordance with Figure R507.12.1(1) and R507.12.1(2). Hold-down anchors shall have a minimum capacity of 1,800 pounds (8006 N).

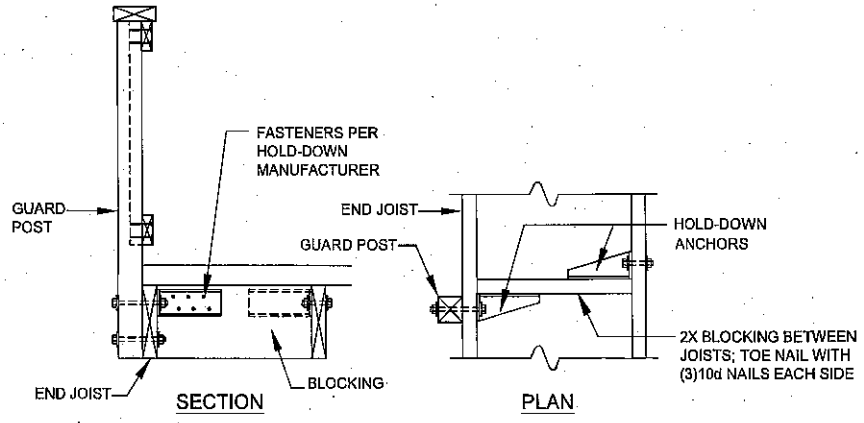


FIGURE R507.12.1(1)
GUARD POST TO END JOIST

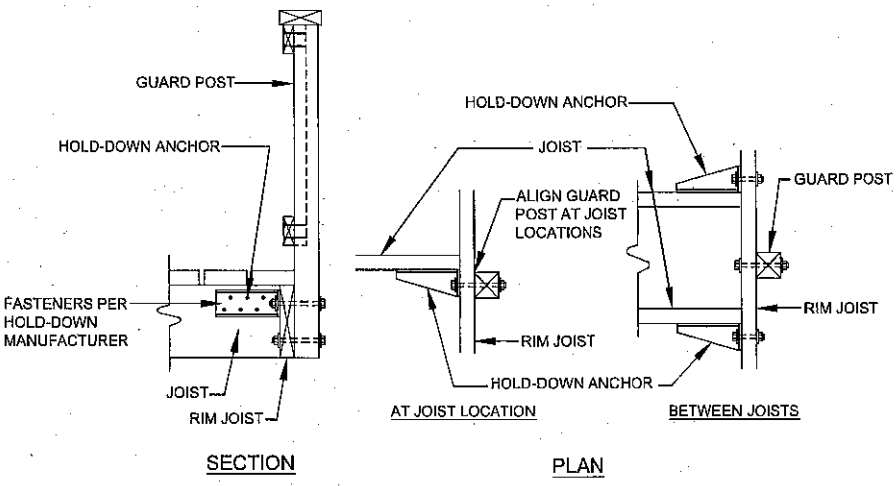
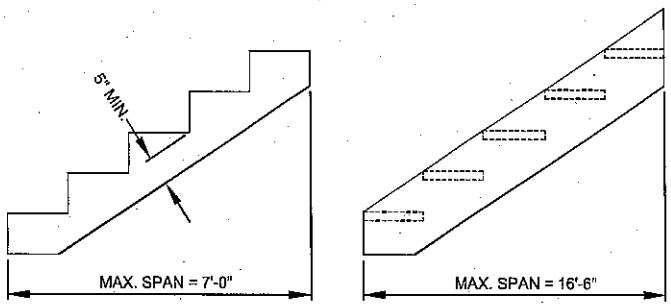


FIGURE R507.12.1(2)
GUARD POST TO RIM JOIST

R507.13 Deck stairs. Deck stairs shall be constructed in accordance with this section and Section R311.7. Where a flight of stairs has a vertical rise greater than that required per Section R311.7.3, an intermediate landing shall be provided in accordance with Section R311.7.6 and designed as a free-standing deck in accordance with Section R507.10.

R507.13.1 Stair stringers. Stair stringers shall be constructed of sawn nominal 2x12 members at 18 inches (457 mm) on center with a throat dimension of 5 inches (127 mm) and a maximum span length as shown in Figure R507.13.1. Stairs with a width equal to 36 inches (914 mm) shall be permitted to be constructed with two solid 2x12 stringers with a maximum span length as shown in Figure R507.13.1.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

FIGURE R507.13.1
STAIR STRINGER REQUIREMENTS

R507.13.2 Stringer bearing. Stringers shall bear on joist hangers attached to the deck structure and on footings at grade in accordance with Figure R507.13.2. Joist hangers shall be specifically designed to accommodate sloped connections and shall have a minimum capacity of 625 pounds (2780 N). Reinforcing angles at rim joist locations only shall have a minimum capacity of 325 pounds (1446 N).

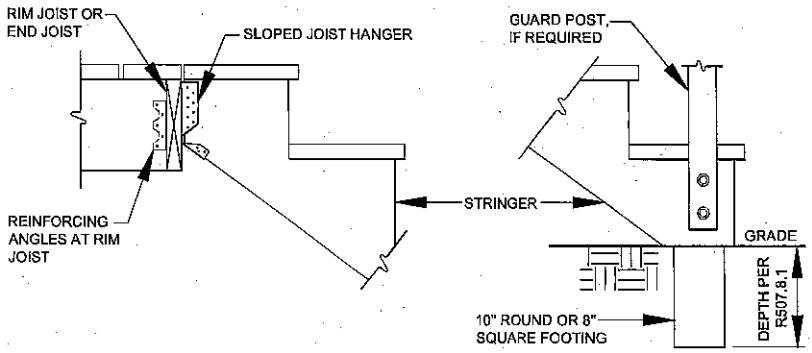
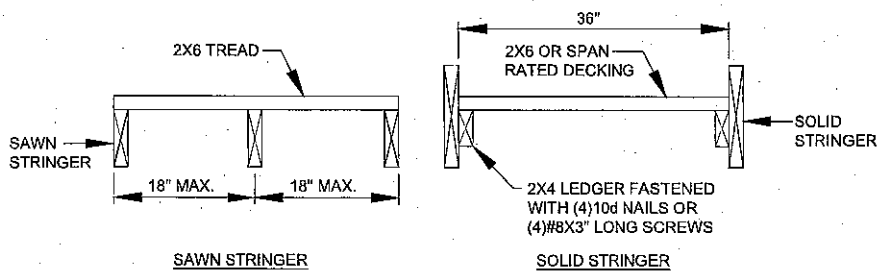


FIGURE R507.13.2
STRINGER BEARING

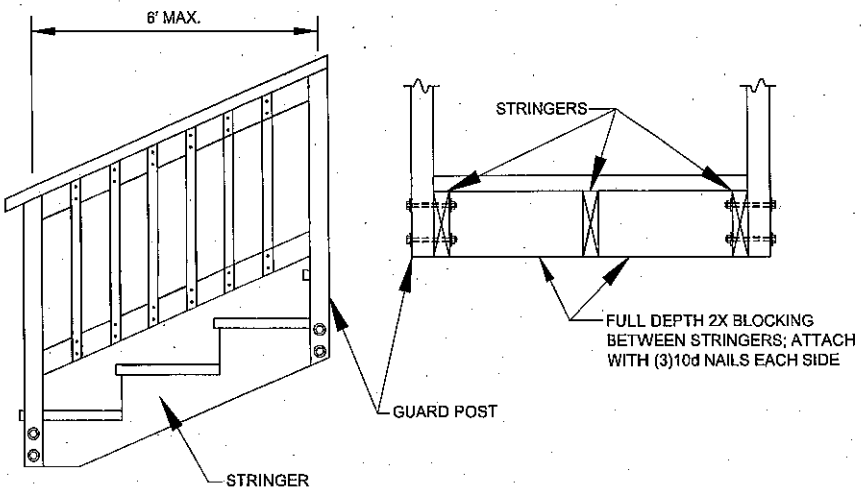
R507.13.3 Treads and risers. Stair treads shall be constructed in accordance with this section and Figure R507.13.3. Treads shall be composed of nominal 2x6 lumber. Treads of stairs constructed with solid stringers shall be permitted to be composed of span rated decking. Risers shall be permitted to be composed of nominal 1x lumber. Openings in risers shall not allow the passage of a 4 inch (102 mm) diameter sphere.



For SI: 1 inch = 25.4 mm

FIGURE R507.13.3
TREAD REQUIREMENTS

R507.13.4 Stair guard. Guards for stairs shall be required per Section R312.1.1 and constructed in accordance with Section R507.12. The attachment of a stair guard post to the stringers shall be constructed in accordance with Figure R507.13.4.



For SI: 1 foot = 304.8 mm

FIGURE R507.13.4
STAIR GUARD CONNECTION

Affidavit of Exemption to Show Specific Proof of Workers' Compensation Insurance Coverage for a 1, 2, 3 or 4 Family, Owner-occupied Residence

This form cannot be used to waive the workers' compensation rights or obligations of any party.

Under penalty of perjury, I certify that I am the owner of the 1, 2, 3 or 4 family, **owner-occupied** residence (including condominiums) listed on the building permit that I am applying for, and I am not required to show specific proof of workers' compensation insurance coverage for such residence because (please check the appropriate box):

☐ I am performing all the work for which the building permit was issued.

☐ I am not hiring, paying or compensating in any way, the individual(s) that is(are) performing all the work for which the building permit was issued or helping me perform such work.

☐ I have a homeowner's insurance policy that is currently in effect and covers the property listed on the attached building permit AND am hiring or paying individuals a total of less than 40 hours per week (aggregate hours for all paid individuals on the jobsite) for which the building permit was issued.

I also agree to either:

- acquire appropriate workers' compensation coverage and provide appropriate proof of that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit if I need to hire or pay individuals a total of 40 hours or more per week (aggregate hours for all paid individuals on the jobsite) for work indicated on the building permit, or if appropriate, file a WC/DB-100 exemption form; OR

- have the general contractor, performing the work on the 1, 2, 3 or 4 family, **owner-occupied** residence (including condominiums) listed on the building permit that I am applying for, provide appropriate proof of workers' compensation coverage or proof of exemption from that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit if the project takes a total of 40 hours or more per week (aggregate hours for all paid individuals on the jobsite) for work indicated on the building permit.

_____ _____

(Signature of Homeowner) (Date Signed)

_____ Home Telephone Number _____

(Homeowner's Name Printed)

Property Address that requires the building permit:

_____

_____

_____

_____

Sworn to before me this _____ day of

_____, _____.

_____

(County Clerk or Notary Public)

Once notarized, this Form BP-1 serves as an exemption for both workers' compensation and disability benefits insurance coverage.

LAWS OF NEW YORK, 1998
CHAPTER 439

The **general municipal law is amended by adding a new section 125** to read as follows:

125. ISSUANCE OF BUILDING PERMITS. NO CITY, TOWN OR VILLAGE SHALL ISSUE A BUILDING PERMIT WITHOUT OBTAINING FROM THE PERMIT APPLICANT EITHER:

1. PROOF DULY SUBSCRIBED THAT WORKERS' COMPENSATION INSURANCE AND DISABILITY BENEFITS COVERAGE ISSUED BY AN INSURANCE CARRIER IN A FORM SATISFACTORY TO THE CHAIR OF THE WORKERS' COMPENSATION BOARD AS PROVIDED FOR IN SECTION FIFTY-SEVEN OF THE WORKERS' COMPENSATION LAW IS EFFECTIVE; OR

2. AN AFFIDAVIT THAT SUCH PERMIT APPLICANT HAS NOT ENGAGED AN EMPLOYER OR ANY EMPLOYEES AS THOSE TERMS ARE DEFINED IN SECTION TWO OF THE WORKERS' COMPENSATION LAW TO PERFORM WORK RELATING TO SUCH BUILDING PERMIT.

Implementing Section 125 of the General Municipal Law

1. General Contractors – Business Owners and Certain Homeowners

For **businesses and certain homeowners listed as the general contractors on building permits,** proof that they are in compliance with Section 57 of the Workers' Compensation Law (WCL) is **ONE** of the following forms that indicate that they are:

- insured (C-105.2 or U-26.3),
- a Board-approved self-insured employer (SI-12), or
- are exempt (WC/DB-100),

under the mandatory coverage provisions of the WCL. Any residence that is not a **1, 2, 3 or 4 Family, Owner-occupied Residence** is considered a business (income or potential income property) and must prove compliance by filing one of the above forms.

2. Owner-occupied Residences

For homeowners of a **1, 2, 3 or 4 Family, Owner-occupied Residence,** proof of their exemption from the mandatory coverage provisions of the Workers' Compensation Law when applying for a building permit is to file Form BP-1.

- Form BP-1 shall be filed if the homeowner of a **1, 2, 3 or 4 Family, Owner-occupied Residence** is listed as the general contractor on the building permit, and the homeowner:
  - ◊ is performing all the work for which the building permit was issued him/herself,
  - ◊ is not hiring, paying or compensating in any way, the individual(s) that is(are) performing all the work for which the building permit was issued or helping the homeowner perform such work, or
  - ◊ has a homeowner's insurance policy that is currently in effect and covers the property for which the building permit was issued AND the homeowner is hiring or paying individuals a total of less than 40 hours per week (aggregate hours for all paid individuals on the jobsite) for the work for which the building permit was issued.
- If the homeowner of a **1, 2, 3 or 4 Family, Owner-occupied Residence** is hiring or paying individuals a total of **40 hours or MORE** in any week (aggregate hours for all paid individuals on the jobsite) for the work for which the building permit was issued, then the homeowner may not file the "Affidavit of Exemption" Form BP-1, but shall either:
  - ◊ acquire appropriate workers' compensation coverage and provide appropriate proof of that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit (Form C-105.2 or Form U-26.3), OR
  - ◊ have the general contractor, performing the work on the 1, 2, 3 or 4 family, **owner-occupied** residence (including condominiums) listed on the building permit, provide appropriate proof of workers' compensation coverage, or proof of exemption from that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit.

NEW YORK STATE Workers' Compensation Board **Forms**

Workers' Compensation Forms

Applicant Instructions for Form CE-200 – Effective December 1, 2008

Form CE-200 reflects a totally new process for granting exemptions from workers' compensation and disability benefits insurance coverage requirements. Effective December 1, 2008, **exemptions** will no longer be valid for multiple permits, licenses or contracts for which the applicant applied. Further, exemptions no longer have to be notarized; nor do they have to be stamped by the NYS Workers' Compensation Board. (Please note that **government agencies may continue to use insurance and Self-Insurance certificates** for multiple permits, licenses or contracts issued to a specific legal entity during the coverage period listed on insurance/self-insurance related certificates).

Starting December 1, 2008, ONLY applicants eligible for **exemptions** must file a **new CE-200** for **each** and **every** new or renewed permit, license or contract issued by a government agency. Each CE-200 will specifically list the issuing government agency and the specific type of permit, license or contract requested by the applicant. Applicants for building permits will also need to supply additional information including identifying the specific job location and the estimated cost of the project.

Please ensure that the legal entity name on Form CE-200 exactly matches the legal entity name that is applying for the permit, license or contract. Please also ensure that the applicant signs and dates Form CE-200.

Each CE-200 will have a certificate number printed on it. Form CE-200s may be verified on the Board's web site at www.wcb.state.ny.us.

The applicant attests under penalty of perjury that the information contained in the CE-200 is accurate – the Board does not initially verify this information. However, Board staff may investigate applicants filing Form CE-200.

Government agencies have the authority to verify that the business is eligible for the workers' compensation and/or disability benefits exemption reason described on the CE-200 and notify the Board's investigative staff if there are discrepancies. For example, if you are applying for a license for a 150 seat restaurant and indicate on the CE-200 exemption form that you are a sole proprietor with no employees, this may indicate a problem.

To make this process as easy and as efficient as possible for business owners, the vast majority of these forms will be processed electronically on-line. Applicants having access to the internet will be able to fill out the CE-200 on the internet and **immediately** upon completion, **be able to print out a hard copy of the CE-200** that they will then submit to the government agency issuing the permit, license or contract. Computers with internet access will also be available for CE-200 electronic application processing at Customer Service Centers located in Workers' Compensation Board District Offices.

Filling out the electronic Form CE-200 on the internet is very similar to filling out a hotel reservation request on the internet for frequent travelers. The applicant will create a pin and password so that they can easily access their information. Once an applicant enters his/her basic information on the Board's web site, it can be retrieved by that applicant in the future by using that pin number and password when the applicant is applying for another permit, license or contract.

Applicants without access to a computer may obtain a paper application for the CE-200 by writing or visiting the Customer Service Center at any District Office of the Workers' Compensation Board. Applicants using the manual process may wait up to four weeks before receiving a CE-200. Once the applicant receives the CE-200, the applicant can then submit that CE-200 to the government agency from which he/she is getting the permit, license or contract. This delay results from Workers' Compensation Board staff having to manually enter information from the applicant's paper application into the web based application.

Employees of the Workers' Compensation Board cannot assist applicants in answering questions about this form. Please contact an attorney if you have any questions regarding Form CE-200.

However, if you have questions regarding workers' compensation coverage requirements, please call the Bureau of Compliance at (866) 546-9322.