

Zoning and Building Department

TOWN OF HOPEWELL

2716 County Road #47
Canandaigua, New York 14424
585-394-3850 ext. 4

Permit Application for Decks & Porches

- This Application must be filled out completely and submitted to the building department.
- The permit will be issued when all review notes are addressed, insurances are on file, and permit fees are paid

Application Checklist

Incomplete applications will not be accepted

☐ Completed Application

☐ Plot plan showing proposed work

☐ Insurance

☐ Completed work sheet

☐ Drawing of proposed work

Address of Job Site _____ Work Start Date _____

Estimated Value of Work _____ Estimated End Date _____

Size (in sq. ft.): _____ Deck/Porch Dimensions _____ X _____

Applicant's Name _____ Best phone # _____

Applicant's Address _____

Applicant's Email _____

Owner's Name _____ Best phone # _____

Owner's Address _____

Owner's Email _____

Contractor's Name _____ Best phone # _____

Contractor's Address _____

Contractor's Email _____

PLEASE DOUBLE CHECK EMAIL ADDRESSES.

The Applicant Shall, as part of this application, agree to:

- Notify the Building Department of any change in the information contained in the application or approved plans and specifications.
- Prominently display on the premises the building permit issued and authorize the inspector access for the purpose of inspections during construction.
- Not use any portion of the project, in whole or in part, until the structure meets all applicable codes, conditions, all inspections have been made, approvals granted and a certificate of compliance has been issued.
- Abide by Planning Board, Zoning Board of Appeals, Town Board approval resolutions, if required, and all plan amendments made by the Building Department.
- At the time of the issuance of a permit, a copy of approved plans will be kept at the work site, available for inspection throughout the progress of the work.
- Work may **NOT** Commence prior to the issuance of a building permit.
- Must Notify the Building Department **24 hours** in advance for all required inspections and must receive approval before any building element, equipment, or system is covered or enclosed.

Acceptance does not relieve the agent, applicant, architect, builder, engineer, or owner from complying with any of the provisions of the NYS Building Code, Energy Code, SEQR Act, Local Zoning, etc., whether stated, implied, or omitted in the plans and specifications submitted for the building permit. Incorrect information may result in revocation of permit.

Applicant's Signature

Date

Owner's Signature

Date

FOR OFFICIAL USE ONLY

Approved () Permit # _____ Fee Received \$ _____

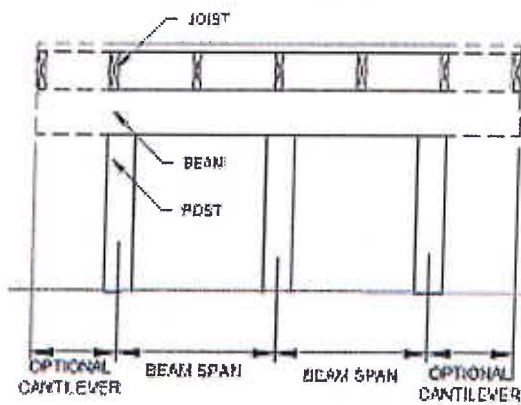
Not Approved () Reason _____

Variance Requested: Yes () No () Type Required: () Area () Use

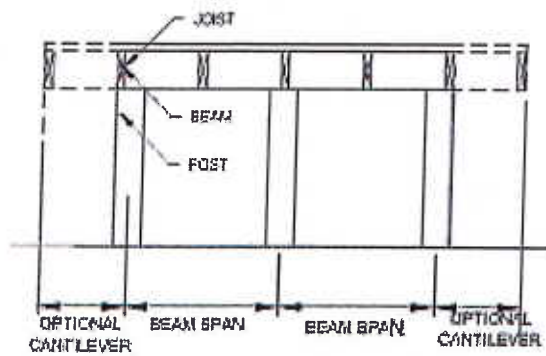
Code Enforcement Officer _____

Date _____

Deck Address:	Deck Spec Sheet
Height of Deck from Grade <input style="width: 60px;" type="text"/> Inches Joint Size (2 x 8" min.) <input style="width: 60px;" type="text"/> Actual Joist Span <input style="width: 60px;" type="text"/> <small>Longest span from ledger to beam or beam to beam</small> Is the Joist going to cantilever <input type="checkbox"/> Yes <input type="checkbox"/> No	Spacing of Floor Joists (Check One) <input type="checkbox"/> 16" On-Center <input type="checkbox"/> 24" On-Center <input type="checkbox"/> Other: _____ If Yes how far is cantilever <input style="width: 60px;" type="text"/> Cantilever shall be 2 feet or less
Beam Size: <input style="width: 150px; height: 25px;" type="text"/> Beam Span <input style="width: 150px; height: 25px;" type="text"/> <small>(longest Span from post to post)</small>	Beam Is Check One: <input type="checkbox"/> Double <input type="checkbox"/> Triple
Check One: <input type="checkbox"/> 6 x 6" Post <input type="checkbox"/> 6 x 4" Post	Check One: <input type="checkbox"/> Notched Post <input type="checkbox"/> Post Cap Connectors
<input type="checkbox"/> Deck will be attached to the house/structure <input type="checkbox"/> Deck will NOT be attached to the house/structure	
Size of Ledger Board <input style="width: 150px; height: 25px;" type="text"/> Lag Screw Size <input style="width: 150px; height: 25px;" type="text"/> Lag Screw Spacing <input style="width: 150px; height: 25px;" type="text"/> Footer Depth <input style="width: 150px; height: 25px;" type="text"/> <small>If deck is attached to structure footers must Extend a minimum of 42" below grade</small>	
Decking Board to be used (check One) <input type="checkbox"/> 5/4 P.T. Decking Board <input type="checkbox"/> 2 x 6 P.T. Decking Board <input type="checkbox"/> Composite Decking (All Types) <input type="checkbox"/> Other: _____	If 30" or more above adjacent grade/surface, the deck shall have guardrails Height of Deck Guardrails <input style="width: 60px;" type="text"/> Inches <small>(Min. height of guardrail is 36 inches from deck surfaces)</small>
Will the deck have stairs <input type="checkbox"/> Yes <input type="checkbox"/> No Gripable Handrail is required for all stairs that have a rise of more than 30" Gripable Handrail Height <input style="width: 150px; height: 25px;" type="text"/> <small>(34" to 38" from tread Rising)</small>	If Yes: Stairway Width <input style="width: 150px; height: 25px;" type="text"/> Tread Depth <input style="width: 150px; height: 25px;" type="text"/> <small>(9" Min)</small> Riser Height <input style="width: 150px; height: 25px;" type="text"/> <small>(8 1/4" Max)</small> Closed Risers required on all stairs



DROPPED BEAM



FLUSH BEAM

FIGURE R507.5
TYPICAL DECK JOIST SPANS

TABLE R507.5
DECK BEAM SPAN LENGTHS^{a, b, g} (feet - inches)

SPECIES ^c	SIZE ^d	DECK JOIST SPAN LESS THAN OR EQUAL TO: (feet)						
		6	8	10	12	14	16	18
Southern pine	1-2 x 6	4-11	4-0	3-7	3-3	3-0	2-10	2-8
	1-2 x 8	5-11	5-1	4-7	4-2	2-10	3-7	3-5
	1-2 x 10	7-0	6-0	5-3	4-11	4-7	4-3	4-0
	1-2 x 12	8-3	7-1	6-4	5-10	5-5	5-0	4-9
	2-2 x 6	6-11	5-11	5-4	4-10	4-6	4-3	4-0
	2-2 x 8	8-9	7-7	6-9	6-2	5-9	5-4	5-0
	2-2 x 10	10-4	9-0	8-0	7-4	6-9	6-4	6-0
	2-2 x 12	12-2	10-7	9-5	8-7	8-0	7-6	7-0
	3-2 x 6	8-2	7-5	6-8	6-1	5-8	5-3	5-0
	3-2 x 8	10-10	9-6	8-6	7-9	7-2	6-8	6-4
	3-2 x 10	13-0	11-3	10-0	9-2	8-6	7-11	7-6
Douglas fir-larch ^e , hem-fir ^e , spruce-pine-fir ^e , redwood, western cedars, ponderosa pine ^f , red pine ^f	3 x 6 or 2-2 x 6	5-5	4-8	4-2	3-10	3-6	3-1	2-9
	3 x 8 or 2-2 x 8	6-10	5-11	5-4	4-10	4-6	4-1	3-8
	3 x 10 or 2-2 x 10	8-4	7-3	6-6	5-11	5-6	5-1	4-8
	3 x 12 or 2-2 x 12	9-8	8-5	7-6	6-10	6-4	5-11	5-7
	4 x 6	6-5	5-6	4-11	4-6	4-2	3-11	3-8
	4 x 8	8-5	7-3	6-6	5-11	5-6	5-2	4-10
	4 x 10	9-11	8-7	7-8	7-0	6-6	6-1	5-8
	4 x 12	11-5	9-11	8-10	8-1	7-6	7-0	6-7
	3-2 x 6	7-4	6-8	6-0	5-6	5-1	4-9	4-6
	3-2 x 8	9-8	8-6	7-7	6-11	6-5	6-0	5-8
	3-2 x 10	12-0	10-5	9-4	8-6	7-10	7-4	6-11
	3-2 x 12	13-11	12-1	10-9	9-10	9-1	8-6	8-1

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa, 1 pound = 0.454 kg.

a. Ground snow load, live load = 40 psf, dead load = 10 psf, L/A = 360 at main span, L/A = 180 at cantilever with a 220-pound point load applied at the end.

b. Beams supporting deck joists from one side only.

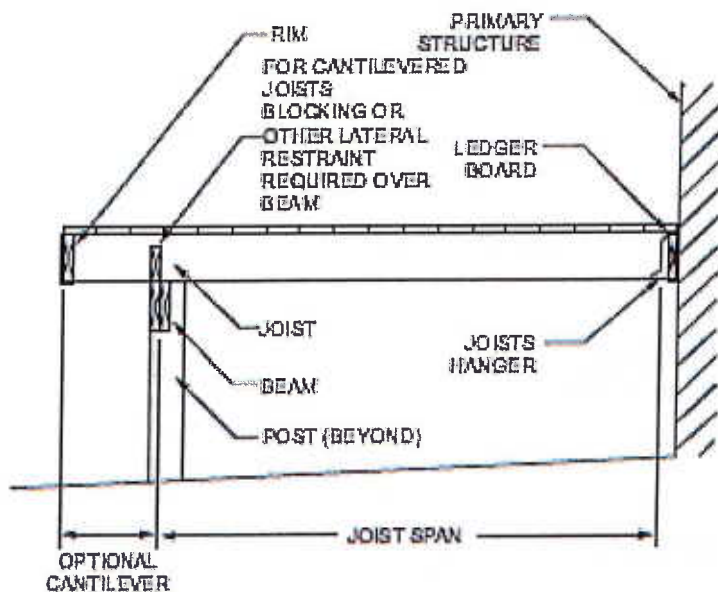
c. No. 2 grade, wet service factor.

d. Beam depth shall be greater than or equal to depth of joists with a flush beam condition.

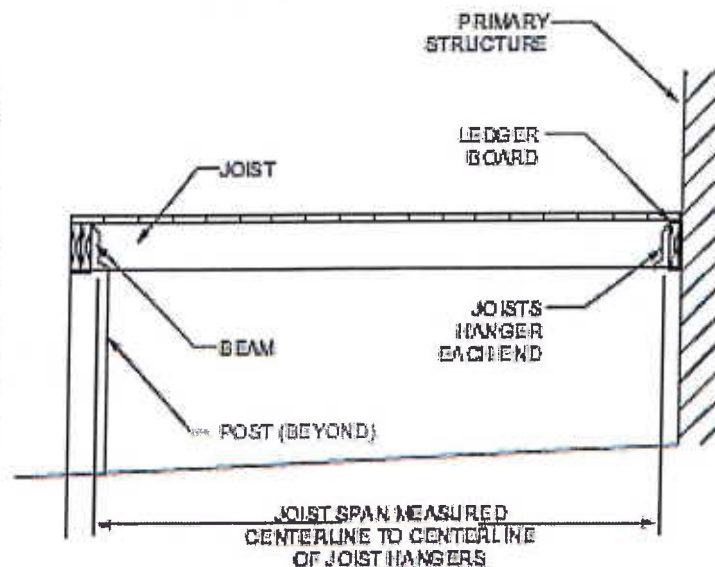
e. Includes incising factor.

f. Northern species. Incising factor not included.

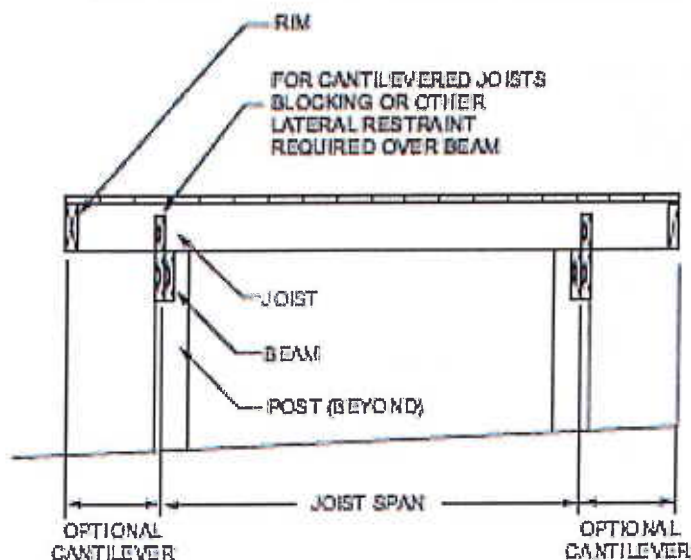
g. Beam cantilevers are limited to the adjacent beam's span divided by 4.



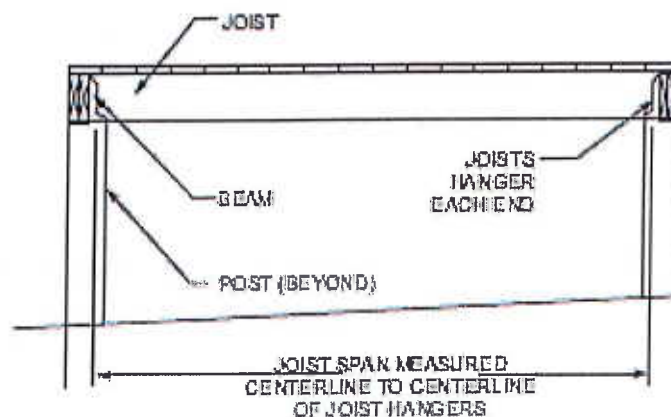
CANTILEVERED JOISTS WITH DROPPED BEAM



JOISTS WITH FLUSH BEAM

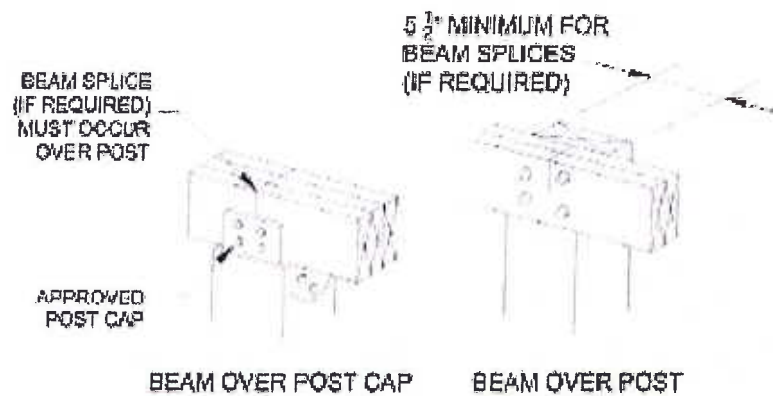


JOISTS ON FREE-STANDING DECK WITH DROPPED BEAM



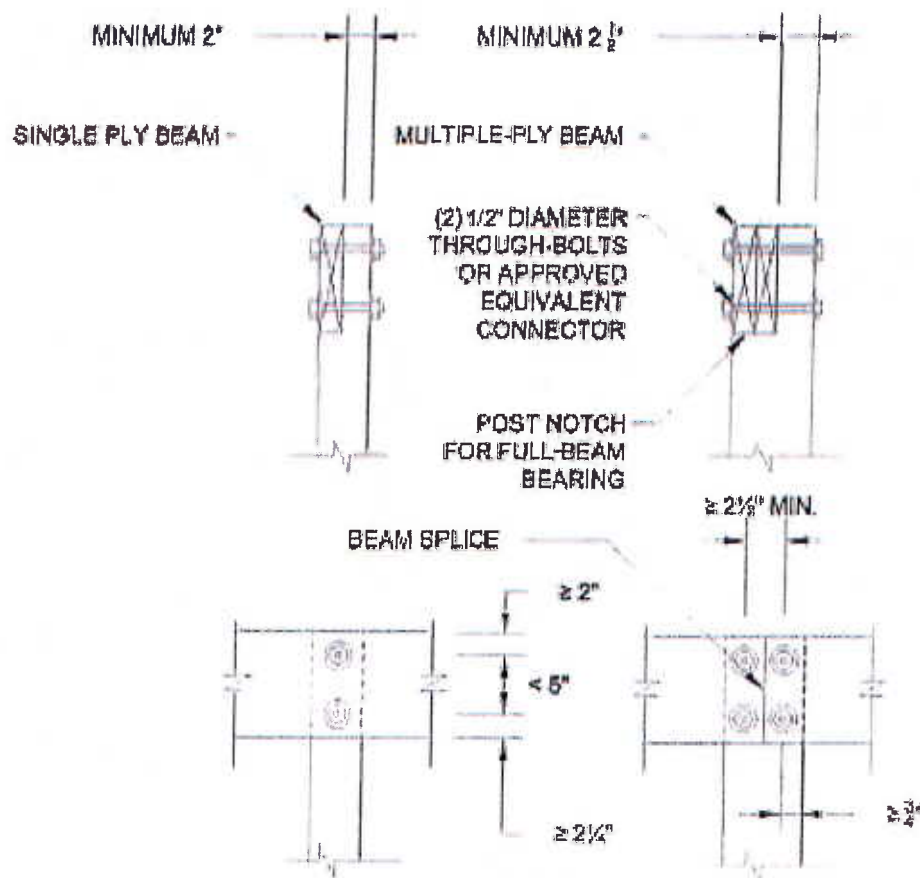
JOISTS ON FREE-STANDING DECK WITH FLUSH BEAM

FIGURE R507.6
TYPICAL DECK JOIST SPANS



For SI: 1 inch = 25.4 mm.

FIGURE R507.5.1(1)
DECK BEAM TO DECK POST



For SI: 1 inch = 25.4 mm.

FIGURE R507.5.1(2)
NOTCHED POST-TO-BEAM CONNECTION

TABLE R507.6
DECK JOIST SPANS FOR COMMON LUMBER SPECIES (ft. + in.)

SPECIES ^a	SIZE	ALLOWABLE JOIST SPAN ^b			MAXIMUM CANTILEVER ^c		
		SPACING OF DECK JOISTS (inches)			SPACING OF DECK JOISTS WITH CANTILEVERS ^c (inches)		
		12	16	24	12	16	24
Southern pine	2 × 6	9-11	9-0	7-7	1-3	1-4	1-6
	2 × 8	13-1	11-10	9-8	2-1	2-3	2-5
	2 × 10	16-2	14-0	11-5	3-4	3-6	2-10
	2 × 12	18-0	16-6	13-6	4-6	4-2	3-4
Douglas fir-larch ^d , hem-fir ^d , spruce-pine-fir ^d ,	2 × 6	9-6	8-8	7-2	1-2	1-3	1-5
	2 × 8	12-6	11-1	9-1	1-11	2-1	2-3
	2 × 10	15-8	13-7	11-1	3-1	3-5	2-9
	2 × 12	18-0	15-9	12-10	4-6	3-11	3-3
Redwood, western cedars, ponderosa pine ^e , red pine ^f	2 × 6	8-10	8-0	7-0	1-0	1-1	1-2
	2 × 8	11-8	10-7	8-8	1-8	1-10	2-0
	2 × 10	14-11	13-0	10-7	2-8	2-10	2-8
	2 × 12	17-5	15-1	12-4	3-10	3-9	3-1

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa, 1 pound = 0.454 kg.

a. No. 2 grade with wet service factor.

b. Ground snow load, live load = 40 psf, dead load = 10 psf, L/Δ = 360.

c. Ground snow load, live load = 40 psf, dead load = 10 psf, L/Δ = 360 at main span, L/Δ = 180 at cantilever with a 220-pound point load applied to end.

d. Includes incising factor.

e. Northern species with no incising factor.

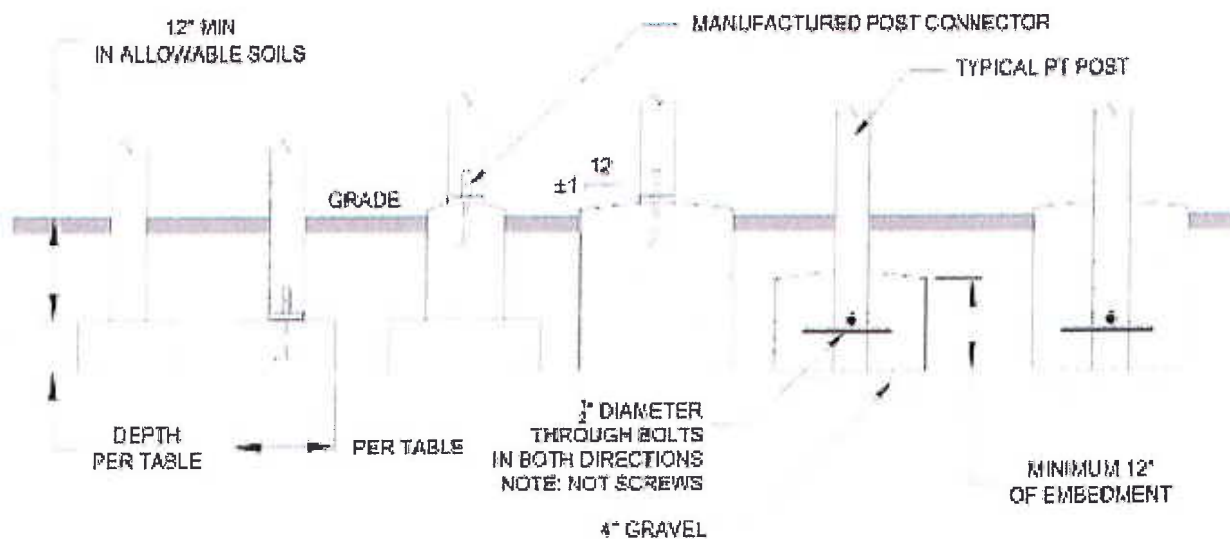
f. Cantilevered spans not exceeding the nominal depth of the joist are permitted.

TABLE R507.7
MAXIMUM JOIST SPACING FOR DECKING

DECKING MATERIAL TYPE AND NOMINAL SIZE	MAXIMUM ON-CENTER JOIST SPACING	
	Decking perpendicular to joist	Decking diagonal to joist ^a
1 1/4-inch-thick wood	16 inches	12 inches
2-inch-thick wood	24 inches	16 inches
Plastic composite	In accordance with Section R507.2	In accordance with Section R507.2

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 degree = 0.01743 rad.

a. Maximum angle of 45 degrees from perpendicular for wood deck boards.



NOTE:
POSTS MUST BE CENTERED ON OR IN FOOTING

For SI: 1 inch = 25.4 mm.

GRASPABLE HANDRAIL DETAILS (AWC Deck Guide)

