



Inspection Dept Use Only				
<u>Received</u>	<u>Rejected</u>	<u>Approved</u>	<u>Const. Type</u>	<u>Occupancy</u>

## Residential Deck/Porch Application

Applicant's Name: \_\_\_\_\_

Applicant's Phone No.: \_\_\_\_\_ Applicant's Email: \_\_\_\_\_

The Applicant is: Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_

Jobsite Address: \_\_\_\_\_

Directions to Jobsite: \_\_\_\_\_

### Property Owner Information:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

### Contractor Information:

Business Name: \_\_\_\_\_ License # \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

### Deck Information:

Project Cost: \_\_\_\_\_

Size of proposed deck(s) (dimensions): \_\_\_\_\_ X \_\_\_\_\_ and total square feet \_\_\_\_\_

Is the deck going to be covered? ☐ Yes ☐ No

Is the deck located in a flood plain? ☐ Yes ☐ No

As the owner/contractor, it is my responsibility to ensure all work complies with the current NC State Building Code, all other applicable state and local laws, ordinances and regulations.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_



## Deck/Open Porches Construction Worksheet

Code requirements and references can be found in Appendix M of the 2018 NC Residential Code

### Footing/Pier System

Circle One Size (Inches)	Circle One Tributary Area (square feet)	Circle One Thickness (Inches)	
		Precast	Cast-In-Place
8x16	36	4	6
12x12	40	4	6
16x16	70	8	8
16x24	100	Not Permitted	8
24x24	150	Not Permitted	8

**\*\*Frost Depth: 12" Minimum**

### Deck Attachment for All Structures

#### Deck Attachment AM104:

Check One	Fasteners	8' Max Joist Span (a)	16' Max Joist Span (a)
	5/8" Hot-dip galvanized bolts with nut and washer(b) <b>And</b> 12d Common hot-dip galvanized nails(c)	1 @ 3'-6" o.c.  <b>And</b> 2 @ 8" o.c.	1 @ 1'-8" o.c.  <b>And</b> 3 @ 6" o.c.
<b>OR</b>			
	Self-drilling screw fastener (d)	12" o.c. staggered	6" o.c. staggered
<b>OR</b>			
<b>Deck Attachment for Brick Veneer Structures</b>			
	<b>Fasteners</b> 5/8" Hot-dip galvanized bolts with nut and washer (b)	8' Max Joist Span (a) 1 @ 2'-4" o.c.	16' Max Joist Span(a) 1 @ 1'-4" o.c.
<b>OR</b>			
	Freestanding Deck		

**\*\*Refer to footnotes in Table AM104.1(1) & AM104.1(2) in Appendix M**

**\*\*Corrosion-resistant flashing shall be used to prevent moisture from coming in contact with untreated framing of the structure. Aluminum flashing is not permitted.**

### Deck Post and Floor Framing System

Deck Post Size: _____  Deck Floor Height _____	Girders: Size _____ Span: _____  Joist: Size _____ Spacing _____ o.c. Span: _____
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**\*\*AM109.1: Lateral bracing is required when the deck floor height is more than 4 feet in height, no exceptions are given for location of deck. Refer to AM109.1.3 lateral bracing requirements for freestanding decks.**

**\*\*Girder Table AM105.2 \*\*Joists Table AM106.1**

### Roof Framing System

Porch Roof: Check One <input type="checkbox"/> Shed <input type="checkbox"/> Gable <input type="checkbox"/> Other _____
Header: Size _____ Span _____
Rafter: Size _____ Spacing: _____ o.c. Span: _____
Engineered Trusses: <input type="checkbox"/> Yes <input type="checkbox"/> No

**\*\*Header Tables 602.7(1) and(2) \*\*Rafter Tables 802.5.1(1) and (2)**