

# RESIDENTIAL DECK SPECIFICATIONS

Deck design per PA Professional Sealed Plans OR per Design for Code Acceptance 6 Guild (DCA6) in its entirety.

[www.awc.org/Publications/dca/dca6/dca6.pdf](http://www.awc.org/Publications/dca/dca6/dca6.pdf)

## PROPERTY ADDRESS \_\_\_\_\_

This form has been created to assist you in the permit process. Please understand due to the vast array of construction methods and materials it is not possible to list all the various construction techniques. This is a general guideline. **In addition to this guideline, it is REQUIRED that a drawing showing the dimensions and locations of all footers, support columns, beams, joists, stairways, elevations and all attachment methods be submitted. If Engineer sealed plans are submitted, all load designs, including attachment methods, etc., must be included.**

(Please fill in or check appropriate item)

**Height of Deck above ground/floor (at highest point)** - \_\_\_\_\_ feet \_\_\_\_\_ inches.

**Type of Pressure-Treated Preservative-** (DCA6 Pg 2 "Minimum Requirements" #2)- \_\_\_\_\_

**Deck Attachment Method** (UCC) -  Attached to existing structure  Detached from existing structure (free standing, self supporting)

**Footing Diameter** - (DCA6 Pg 9) \_\_\_\_\_" **Thickness-** (DCA6-Pg 9) \_\_\_\_\_" **Footing Min. Depth below Grade -** \_\_\_\_\_" (min. 36")

**Support Column to Footer Attachment-** (DCA6 Pg9 Figure 12 and "Footing") \_\_\_\_\_

**Support Column Size** - (DCA6 Pg 7 "Post Requirements")  6X6  **Other** \_\_\_\_\_

**Support Column Spacing-** (DCA6 Pg 9 Table #4) - \_\_\_\_\_ feet \_\_\_\_\_ inches

**Beam Size-** (DCA6Pg 5 Table 3 and Pg5 "Beam Size and Assembly Requirements") -  2X8  2X10  2X12

**Beam Quantity-** (DCA6 Pg 5 Table 3) -  2  3  4 (beam is constructed using (2) 2bys or (3) 2bys or (4) 2bys)

**Beam Construction-** (DCA6 Pg 6 Figure 6 and Pg5 "Beam Size and Assembly Requirements")

**Beam Span-** (DCA6 Pg 5 Table 3, Figure 3) \_\_\_\_\_' \_\_\_\_\_"

**Beam to Post Attachment-** (DCA6 Pg 8 Figure 8, 9, 10) Method \_\_\_\_\_

**Joist to Beam Attachment-** (DCA6 Pg7 Figure 6 and "Joist-to-Beam Connection) Method \_\_\_\_\_

**Ledger Board Attachment Method** - (DCA6 Pg 10, 11, 12, 13, 14) Type of fastener \_\_\_\_\_

Diameter of fastener \_\_\_\_\_" Spacing of fastener  12" o.c.  16" o.c.  24" o.c. ) Length of fastener \_\_\_\_\_"

**Ledger board will fasten to what existing material;** (DCA6 Pg 10, 12)  rim board  wood studs  concrete foundation

Hollow concrete masonry unit (cinder block)  brick  Engineered wall (Superior walls) OR (ICF)

**Ledger Board Size** - (DCA6 Pg 10, text, Ledger Attachment Requirements)  2x6  2x8  2x10  2x12 (Should be same size as joists or larger)

**Ledger Board Flashing Material** - (DCA6 Pg 2 "Minimum Requirements # 7, Pg 11 Figure14, Pg 15 Figure 23)

**Floor Joist Size/Span** - (DCA6 Pg 3, Table 2 & text)  2x6  2x8  2x10  2x12 Span \_\_\_\_\_' \_\_\_\_\_"

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**Floor Joist Spacing-** (DCA6 Pg3 Table 2& text)  12"oc  16"oc  19.2"oc  24"o.c

**Floor Joist Hangers-** (DCA6 Pg 7, Figure7 and text) **Tripled** plated, stamped with a Z in model number. **Attached with joist hanger nails.**

**Steps / Stairways-** (DCA6 Pg17,18,19) Min. stringer material **2x12**, Quantity of stringers  2  3  4 Width of stairway \_\_\_\_\_" **min 36"**

Tread depth \_\_\_\_\_" (9"min) Riser height \_\_\_\_\_" (8 1/4 max) Riser opening \_\_\_\_\_" (min.4")

Method of stringer attachment (DCA6 Pg 18, figure 31) - \_\_\_\_\_

Stringer footer diameter \_\_\_\_\_" Square footer dimensions \_\_\_\_"x\_\_\_\_" Depth below grade \_\_36\_\_"

Stair lighting \_\_\_\_\_

**Decking Materials** – (DCA6 Pg 3 "Decking Requirements"  Pressure Treated-  5/4x6  2x6  2x8  Manufactured Product

(Example- Trex, Fiberon)\_\_\_\_\_

**Handrail Details** - (DCA6 Pg 18, 19) Height\_\_\_\_" Type\_\_\_\_\_

**Guardrail Details-** (DCA6 Pg 15, 16& text) - Height\_\_\_\_" Picket spacing\_\_\_\_" Spacing between floor and railing\_\_\_\_"

Post attachment method\_\_\_\_\_

If manufactured railing needs ERS report submitted with application.

**All structural materials must be decay resistant (i.e. pressure treated wood). If utilizing man made materials please submit manufacturer specifications.**