



DECK SPECIFICATIONS (Residential)

(Please fill in or check appropriate item)



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. As indicated, this is a general guideline. Construct to Google:

www.Prescriptive Residential Wood Deck Construction Guide 2009 American Wood OR PA Sealed Engineer Designs

REQUIRED FOR REVIEW:

- ✓ Permit Application Site Plan (showing all dimensions and setbacks)
- ✓ One set of detailed plans/drawings (showing footer locations, joist direction, beam locations, all attachment methods, etc.)

Height of Deck above ground/floor (at highest point) – _____ feet _____ inches.

Type of Deck Materials-(DCA6 Pg2) – Pressure Treated Manufactured Product _____

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

Ledger board will fasten to what existing material (DCA6 Pg10,text- 12,figures 17,18,text) – Rim board Wood studs Brick
 Concrete foundation Stone Concrete masonry unit (cinder block) Engineered (Superior Walls) ICF wall
 Manufactured Rim Board w/engineered floor joists

Ledger Board Attachment Method (IRC 502.2.2or DCA6) – **Spacing of fastener’s** (IRC,Table 502.2.2.1or DCA6) _____” on center

Ledger Board Fastener Product (IRC 502.2.2.1or DCA6) ½”Lag bolts **Other** _____

Ledger Board Size (DCA6 Pg10+ text) - 2x8 2x10 2x12 (Should be same size as joists or larger)

Ledger Board Flashing (DCA6 Pg10)- Type of flashing _____

Ledger Ties (IRC 502.2.2.3 or DCA6) _____

Footing (DCA6 Pg 9) – **Diameter** _____” **Thickness** _____” **Footing Min. Depth below Grade**– _____ inches (min .36 inches)

Floor Joist Size (DCA6 Pg3, Table 2) 2x8 2x10 2x12 **Floor joist span** (DCA6 Pg 3, Table 2) _____ feet _____ inches

Joist Spacing on center (DCA6 Pg3, Table2 & Text) 12” 16” 24” **Joist Cantilever** (DCA6 pg4, figures 1A,2) _____ inches

Floor Joists Attachment to Ledger Board (DCA6 Pg7, Figure7 & Text) - Hot dipped galvanized nailed joist hangers (**Attached with joist hanger nails.**)

Joist to Beam Attachment Method (DCA6 Pg7 Figure6) - _____

Beam Size (DCA6 Pg5,Table3&5) – 2X8 2X10 2X12 **Beam Quantity**(DCA6 Pg 5, Table 3) 2 3 4 (number of ply’s of 2by’s)

Beam to Post Attachment Method (DCA6 Pg8, Figure 8, 9,10) – metal fastener (manufacture and model number) _____

Other _____

Support Column Size (DCA6 Pg7) – 6X6 **Other** _____ **Support Column Spacing** (DCA6 Pg9 Table4) _____’ _____”

Support Column Diagonal Bracing Details (DCA6 Pg14, Figure 22) _____

Support Column Attachment to Footer (DCA6 Pg9, Fig 12) metal connector/fastener (manufacturer & model #) _____
 buried into ground resting on footer

Steps / Stairways(DCA6 Pg17,18,19) – Min. stringer material 2x12, **Quantity of Stringers** 2 3 4 **Number of risers** _____

Riser Height (UCC) _____” (8 ¼ max) **Width of Stairway** _____ inches (min 36”) **Tread Depth** (UCC)- _____” (9”min)



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Tread Material _____ Size _____

Stringer Attachment at top (DCA6 Pg18, Figure 31) _____

at bottom (DCA6 Pg. 19, Figure 34) _____

Stringer Footer Diameter (DCA6 Pg 19, Figure 34) _____" (min 12") & Depth _____" (min 36")

Thickness of Concrete (DCA6Pg 19, Figure 34) _____" Stairway Illumination (DCA6 pg. 19, Text)

Stairway Handrail/Guardrail (DCA6 Pg. 18, 19 Figures 30,32A, 32B, 33 and Text) *Height of 34 to 38 inches measured vertically from nose of stair tread to top of handrail. All stairways with four or more rises require a graspable hand rail and guardrail.*

Flat Area Guardrail Height (DCA6 Pg15, 16 Figure 24, 25, 26) – *Min. 36 inches measured vertically from floor or ground and able to resist a 200lbs. lateral force. If manmade materials, (vinyl, aluminum, glass, etc.) require manufacture testing report specifications of product. Contact inspector for more details.*

Guardrail Post Attachment Method (DCA6Pg 16 Figures 24, 25, 26 and Text) _____

Flooring (DCA6 Pg3, Table 2) 5/4 PT boards 2x6 2x8 Other _____

ATTENTION

NOTE- Submitting just a material list will not be acceptable. We don't know what is being installed where. Drawings must accompany list indicating locations of materials.

NOTE- Be careful to maintain minimum 16" on center for each joist cavity on each end of deck, you'll need approximately 14" to install guardrail post hold-down brackets per DCA6 Pg16, Figure 25

NOTE- If installing stair stringers as in Page 18, Figure 31, be careful of handrail/guardrail heights. This design will affect these heights.

NOTE- Guardrail post hold-down brackets must resist 1800 pound of force. Be careful of which model you purchase. Not all will meet this requirement.

Any additional items; _____

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

Signature _____ Date _____