Springettsbury Twp. Residential Deck Worksheet

2018 International Residential Code / DCA6-2015

Sealed Deck design by PA licensed Architect/Engineer

OR

Prescriptive Residential Wood Deck Construction Guide (DCA6) 2015

PROPERTY ADDRESS: _____

Submit a separate worksheet for each individual deck

If the maximum height of the deck walking surface is less than 30" above finished grade, a zoning permit is required but not a building permit and completion of this worksheet is not required.

Deck floors with a minimum spacing of 1/8" between deck boards are considered a permeable surface and storm water control is not required.

This worksheet has been created to assist you in the permit process. It is a general guideline not intended to be all encompassing due to the vast array of construction methods and materials. Decks must comply in full with the 2018 IRC. **A drawing showing dimensions, footers, beams, cantilevers, attachment points, elevations and any other relevant information must be included with this worksheet. A site plan showing the proposed work, existing conditions/structures, property lines and dimensions to property lines must also be included.**

All decks including steps attached to a structure must have footings minimum 36" from finished grade to bottom of footings. Footers must bear on undisturbed soil.

Ledger Boards attaching to Exterior Veneer (Brick, Masonry, Stone) or through Non Bearing Sheathing Such as Foam Must Have PA Architect/Engineer Sealed Design.

Please fill in or check the appropriate spaces

Height of deck walking surface above finished grade at highest point - _____ ' _____ "

Deck Support Method - ____ Attached to existing structure ____ Free standing / Self supporting

Floor Joist Spacing – Table 2 - _____12"oc, _____16"oc, _____19.2"oc, _____24"oc

Floor Joist Size – Table 2, Fig. 1A, 1B, 2 - ____ 2x6, ____2x8, ____2x10, ____2x12

Floor Joist Span – Table 2 - _____' _____"

Floor Joist-Beam Overhang – Table 2, Fig. 1A, 1B, 2 - _____' _____" (Provide Blocking at overhang joist – Fig. 1A & 2)

Beam Size – Table 3A, 3B - _____ 2x8, _____ 2x10, _____ 2x12

Number of Beam Ply's - _____ 2, _____ 3, _____ 4

Beam Span – Fig. 3 (Length from face of support to face of support) – _____ ' _____ "

Joist to beam attachment – Fig. 6 - _____ option 1, _____ option 2, _____ option 3

Post Size – Min. 6x6 - _____ 6x6, _____ 8x8

Post to Beam Attachment – Fig. 8A, Fig. 8B - _____ Notched & Bolted, _____ Post Cap

Footing Size – Table 4 - _____" Round Footing Diam., _____"x_____" Square Footing

Footing Thickness – Table 4 - _____"

Posts must be connected to footers according to Fig. 12

(Ledger Boards attaching to Exterior Veneer (Brick, Masonry, Stone) or through Non Bearing Sheathing Such as Foam Must Have PA Architect/Engineer Sealed Design.)

Ledger Board – Fig. 14, 15, 17, 18 - Will Be Attached to: _____ Band Joist, _____ Studs, _____Concrete,

_____ Other: _____

Ledger Board Size – Fig. 14 - _____ 2x8, _____ 2x10, _____ 2x12

Ledger Board Attachment – Fig. 14, 15, 19, 20, Table 5 - Lag Screws must be ½" diam. HD Galvanized – Fastener Spacing From Table 5 - _____"

Ledger Board Flashing Material – Fig. 14 - _____

Lateral Load Device – Fig. 22, 23 – Show Lateral Load Device locations on floor Plan drawing – Manufacturers Specification Number _____

Guard – Fig. 24 - _____ Wood Guard according to Fig. 24, _____ Manufactured Guard

Guard Post – Fig. 25, 26 - _____ 4x4, _____ 6x6, _____ Manufactured

Stair Tread & Riser – Fig. 27 – Max. Riser 8 ¼" - _____" Tread Width, _____" Riser Hgt.

Stair Stringer – Fig. 28, 29 - _____ number of stringers

Stair Stringer Material - _____ 2x10, _____ 2x12

Stair Guard Height – Fig. 30 - _____" (Min. 34")

Stair Stringer Attachment – Fig. 31 – Hanger Manufacturer Number _____

Stair Tread – Table 6 - _____

Stair Width – Fig. 33 - _____" (Min. 36")

Stair Handrail – Fig. 32A, 32B - _____

Stair Footing – Fig. 34 – (Min.36" from grade to bottom of footer) - ____ 10"x10" square, ____12" round

Decking Material - _____