

# DECK PACKET

This packet includes everything you will need to install a deck including a *Zoning Certificate Application*, a *Building Permit Application*, and *Deck Packet*. If the deck you are constructing is 30" or under, you do not need a building permit, however, a zoning certificate is *always* required.



# ZONING CERTIFICATE APPLICATION

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN AN APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the Zoning Certificate Application easier. A Zoning Certificate Application is required by Elizabeth Township when residents *alter a property* or *change the use of a property*. **All additions, expansions, and/or new structures\* require a zoning certificate.** This zoning review ensures that any *alteration or change in use* complies with the *Elizabeth Township Zoning Ordinances* and all work meets building safety standards. Please visit <https://ecode360.com/34143329> to view the code related to Zoning Applications.

\*STRUCTURE DEFINITION – Any man-made object having an ascertainable stationary location on or in land or water whether or not affixed to the land.

## THE APPLICATION

The following zoning certificate application must be completed in its entirety to be considered.

Any application that is not fully completed including all required accompanying documents will not be reviewed and a new application and accompanying documents will need to be resubmitted.

\*Electronic submissions are preferred, but not required. If you are turning in this application electronically, only **PDF** submissions will be considered. Electronic submittals can be emailed to the Elizabeth Township Code Enforcement Department.\*

Please complete the **SITE INFORMATION SECTION** in its entirety. It is important for us to have this information to make the review process run smoothly.

Next, check all that applies to your project in the **TYPE OF WORK SECTION**. In the **DESCRIPTION OF WORK SECTION**, we learn more about the proposed project. Please include all required information so we can review the application efficiently. Be sure that the project description is as detailed as possible. If the description cannot fit into the provided section, feel free to attach an additional paper with the description. *\*Note that some projects will also require a building permit along with the zoning permit.* Any structure that is under 750 square feet does *NOT* require a building permit. Any structure over 750 square feet *DOES* require a building permit.

Common items that require a zoning certificate are listed below. This is not a comprehensive list of ALL items that require a zoning certificate. If your project is not on this list, it doesn't necessarily mean that a zoning certificate is not required. It is best practice to reach out to the Elizabeth Township Code Enforcement Department prior to starting projects to ensure you are complying with all local codes and ordinances.

Fences, Sheds, Driveway, Accessory Structures, Patios, Porches, Decks, Steps, Playsets, Pergolas, Gazebos,  
Carports, Wheelchair Ramps, Walls, Satellite Disks, Private Sports Courts, Canopies and Similar Structures,  
Storage Structure, Garage, Swimming Pools, Hot Tubs, Parking Lot, Signs, Greenhouses, Antennas

A detailed site plan is also required. The plan must include all pre-existing structures with dimensions, the new proposed structure(s) with dimensions, and the distance from the new proposed structure(s) to the property lines and existing structures. A good place to start is by visiting the Allegheny County Real Estate Portal Site and using the map for your parcel to create your site plan.

<http://www2.alleghenycounty.us/RealEstate/search.aspx>. However, as helpful as the Allegheny Real Estate Portal Site may be, the property lines are not always 100% accurate. **Due to this, the Zoning Officer at his or her discretion may require a survey to be completed by a Licensed Survey Professional for the site plan.**

## REVIEW, FEE, AND PICK-UP

Often, the review process for zoning permits gets delayed when not enough information is submitted, or the application is incomplete. To accelerate the review process, please ensure all information is detailed and all documentation is provided. **NO PAYMENT IS REQUIRED UNTIL THE PERMIT HAS BEEN ISSUED.** When the permit is approved and ready for pick-up, you will receive a call from our office and be told the associated fee. Note that fees vary based on the project type and scope.

Please keep a copy of all submitted documents for your records.

**\*NO WORK IS TO BEGIN PRIOR TO THE PAYMENT AND PICK-UP OF THE PERMIT. IF ANY WORK IS STARTED PRIOR TO THE PAYMENT AND PICK-UP, YOU ARE IN VIOLATION AND SUBJECT TO FINES AND OTHER LEGAL ACTIONS.\***

**\*PLEASE RETAIN THIS PAGE FOR YOUR OWN USE AND REFERENCE. PLEASE DO NOT TURN IN WITH YOUR APPLICATION\***



**ELIZABETH TOWNSHIP**  
522 ROCK RUN ROAD ELIZABETH, PA 15037  
PHONE: 412-751-2880 FAX: 412-751-6002  
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## ZONING APPLICATION CHECKLIST

\_\_\_\_\_ Completed and Signed Zoning Certificate Application Including:

- \_\_\_\_\_ Completed contact information
- \_\_\_\_\_ Detailed description of proposed work
- \_\_\_\_\_ Estimated total cost of proposed work
- \_\_\_\_\_ Signed acknowledgement

\_\_\_\_\_ Detailed Site Plan/Survey Including:

- \_\_\_\_\_ Location and dimensions of lot
- \_\_\_\_\_ Location and dimensions of all existing AND proposed structures (including, but not limited to, principal structure, driveway, pool, fence, shed, etc...)
- \_\_\_\_\_ Distance of proposed structure from front, side, and rear property lines and distance to other structures (including, but not limited to, principal structure, driveway, pool, fence, shed, etc...)



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**ZONING CERTIFICATE APPLICATION**

**Site Information**

Zoning Site Address: \_\_\_\_\_

Owner/Tenant Name: \_\_\_\_\_

Owner/Tenant Address: \_\_\_\_\_

Owner/Tenant Phone Number: \_\_\_\_\_

Owner/Tenant Email: \_\_\_\_\_

Does the current use of the property remain the same? \_\_\_ Yes \_\_\_ No

If no, please explain: \_\_\_\_\_

**Type of Work**

- \_\_\_ New Construction\*    \_\_\_ Driveway
- \_\_\_ Addition\*            \_\_\_ Fence
- \_\_\_ Deck\*                 \_\_\_ Above Ground Pool\*
- \_\_\_ Shed\*                 \_\_\_ In Ground Pool\*
- \_\_\_ Playset                \_\_\_ Garage – Detached\*
- \_\_\_ Patio                 \_\_\_ Garage – Integral\*
- \_\_\_ Other\*: (Explain in **DESCRIPTION OF WORK SECTION**)

(\*MAY ALSO REQUIRE A BUILDING PERMIT APPLICATION – CHECK WITH CODE OFFICIAL\*)

**Description of Work**

Description of Project:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Material Cost: \_\_\_\_\_ Labor Cost: \_\_\_\_\_

Estimated Total Cost: \_\_\_\_\_

Project Square Footage: \_\_\_\_\_

Project Height (from grade to highest point): \_\_\_\_\_

**I HEREBY ACKNOWLEDGE THAT I AM THE PROPERTY OWNER, OR I HAVE THE AUTHORITY TO MAKE THIS APPLICATION ON BEHALF OF THE PROPERTY OWNER, AND THAT I HAVE READ THIS APPLICATION AND STATE THE ABOVE IS CORRECT TO COMPLY WITH ALL ELIZABETH TOWNSHIP ORDINANCES REGARDING ZONING.**

Applicant Name: \_\_\_\_\_ Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**ZONING CODE OFFICAL USE ONLY**

Zoning Fee \$75.00

**TOTAL \$75.00**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# RESIDENTIAL BUILDING PERMIT APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the *RESIDENTIAL* building permit application easier. This information is intended only for the *RESIDENTIAL* building permit application. Please refer to the *COMMERCIAL* building permit application for commercial building information. Please visit: <https://codes.iccsafe.org/codes/pennsylvania> to view the codes related to the building application.

## THE APPLICATION

The following building permit application must be completed in its entirety to be considered.

Any application that is not fully completed with all required accompanying documents will not be reviewed and a new application and accompanying documents will need to be resubmitted.

\*Electronic submissions are preferred, but not required. If you submit this application electronically, only PDF submissions will be considered.\* Electronic submissions can be emailed to the Code Enforcement Department.

Please complete the **SITE INFORMATION SECTION** in its entirety. It is important for us to have this information to make the review process go smoothly.

Next, provide all the required information in the **CONTRACTOR INFORMATION SECTION**. If the contractor for the job will be the same as the property owner, just write "SAME AS ABOVE" on the Contractor line the Contractor Information Section. It is extremely important that the PA Registration Number for the Contractor is provided. Additionally, we require a copy of the **CONTRACTOR'S INSURANCE FOR WORKERS COMPENSATION OR A SIGNED EXEMPTION FORM**.

The **TYPE OF WORK SECTION** and **DESCRIPTION OF WORK SECTION** is where we learn more about the proposed project. Please include all the required information so we can review the application more efficiently. Be sure that the project description is as detailed as possible. If the description cannot fit into the provided section, feel free to attach an additional paper with the description to the application.

## REVIEW, FEE, AND PICK-UP

Often, the review process for residential building permits gets held up when not enough information is presented, or the application is incomplete. To speed up the review process, please ensure all necessary information is detailed and all necessary documents are provided. **NO PAYMENT IS REQUIRED UNTIL THE PERMIT IS ISSUED**. When the application is approved and ready for pick-up, someone from our office will call you and inform you of the fee at that time. Note that fees vary based on the project type and scope.

Please keep a copy of all submitted documents for your records.

**\*NO WORK IS TO BEGIN PRIOR TO THE PAYMENT AND PICK-UP OF THE PERMIT. IF ANY WORK IS STARTED PRIOR TO THE PAYMENT AND PICK-UP, YOU ARE IN VIOLATION AND SUBJECT TO FINES AND OTHER LEGAL ACTIONS**

## RESIDENTIAL BUILDING APPLICATION CHECKLIST

\_\_\_\_\_ Completed and Signed Residential Building Certificate Application Including:

\_\_\_\_\_ Completed contact information

\_\_\_\_\_ Completed contractor information

\_\_\_\_\_ Detailed description of proposed work

\_\_\_\_\_ Estimated total cost of proposed work

\_\_\_\_\_ Signed acknowledgement

\_\_\_\_\_ Contractor's Certificate of Insurance/Exemption Form

\_\_\_\_\_ Detailed Copy of Plan and Materials to be Used

\_\_\_\_\_ Zoning Certificate Application



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RESIDENTIAL BUILDING PERMIT APPLICATION

Site Information

Construction Site Address: \_\_\_\_\_  
Owner/Tenant Name: \_\_\_\_\_  
Owner/Tenant Address: \_\_\_\_\_  
Owner/Tenant Phone Number: \_\_\_\_\_  
Owner/Tenant Email: \_\_\_\_\_  
State Classification: \_\_\_New Residential \_\_\_Other Residential Is the Construction Site in a Flood Plain? \_\_\_Yes \_\_\_No  
Does any of the work involve structural repairs, alterations, or addition? \_\_\_Yes \_\_\_No

Contractor Information

Contractor: \_\_\_\_\_  
(IF OWNER, PUT SAME NAME ABOVE)  
Address: \_\_\_\_\_  
Cell Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_  
PA Registration Number: \_\_\_\_\_  
(CERTIFICATE OF INSURANCE FOR WORKERS COMPENSATION NEEDED OR SIGNED EXEMPTION FORM ALSO REQUIRED)

Type of Work

\_\_\_ Accessory Structure: Type: \_\_\_\_\_ Additions Additions of: \_\_\_\_\_  
\_\_\_ Alterations Type: \_\_\_\_\_ Deck Height above Grade: \_\_\_\_\_  
\_\_\_ Demolition Demolition of: \_\_\_\_\_ Mechanical Type: \_\_\_\_\_  
\_\_\_ New Structure Type: \_\_\_\_\_ Pool/Hot Tub Type: \_\_\_\_\_  
\_\_\_ Retaining Wall Height: \_\_\_\_\_ Roofing Structural? \_\_\_\_\_

Description of Work

\*If doing multiple projects, include information for each. Attach additional sheet if necessary\*\*

Total Square Footage: \_\_\_\_\_  
Number of Stories: \_\_\_\_\_  
Dimensions of Structure: \_\_\_\_\_ Estimate of Total Costs for all Work (Labor & Material) \$ \_\_\_\_\_  
Description of Work:  
\_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND COMPLETED THIS APPLICATION AND STATE THE ABOVE IS CORRECT AND ACKNOWLEDGE THE PROJECT(S) WILL COMPLY WITH ALL MUNICIPAL ORDINANCES AND STATE LAWS REGARDING CONSTRUCTION.

Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

State Fee \$4.50 **BUILDING CODE OFFICAL USE ONLY**  
Zoning Fee \_\_\_\_\_  
Electrical Fee \_\_\_\_\_  
UCC Building Fee \_\_\_\_\_  
TOTAL \_\_\_\_\_

**AFFIDAVIT OF EXEMPTION**

The undersigned affirm that he/she is not required to provide workers compensation insurance under the provisions of Pennsylvania's Workers' Compensation Law for one of the following reasons, as indicated:

Property owner performing own work. If property owner does hire contractor to perform any work pursuant to building permit, contractor must provide proof of workers' compensation insurance to the municipality. Homeowner assumes liability for contractor compliance with this requirement.

\_\_\_\_\_ Contractor has no employees. Contractor prohibited by law from employing any individual to perform work pursuant to this building permit unless contractor provides proof of insurance to the municipality.

\_\_\_\_\_ Religious exemption under the Workers' Compensation Law. All employees of contractor are exempt from workers' compensation insurance (attach copies of religious exemption letter for all employees).

\_\_\_\_\_  
Signature of Applicant

County of \_\_\_\_\_

Municipality of \_\_\_\_\_



# DECK FOOTING PLANS

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help you understand your plans for the **DECK FOOTING**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with pre-designed visuals of deck footing options already included. Please fill in the required information in the provided blanks. There are 4 different options when it comes to deck footing. Each of those options are included in the visuals. Please check which option you will be using. Additionally, keep in mind that the footing can come above the ground. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the *2015 International Residential Code*.

The link to view the 2015 IRC is: <https://codes.iccsafe.org/content/IRC2015/chapter-4-foundations#text-id-9809260>

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

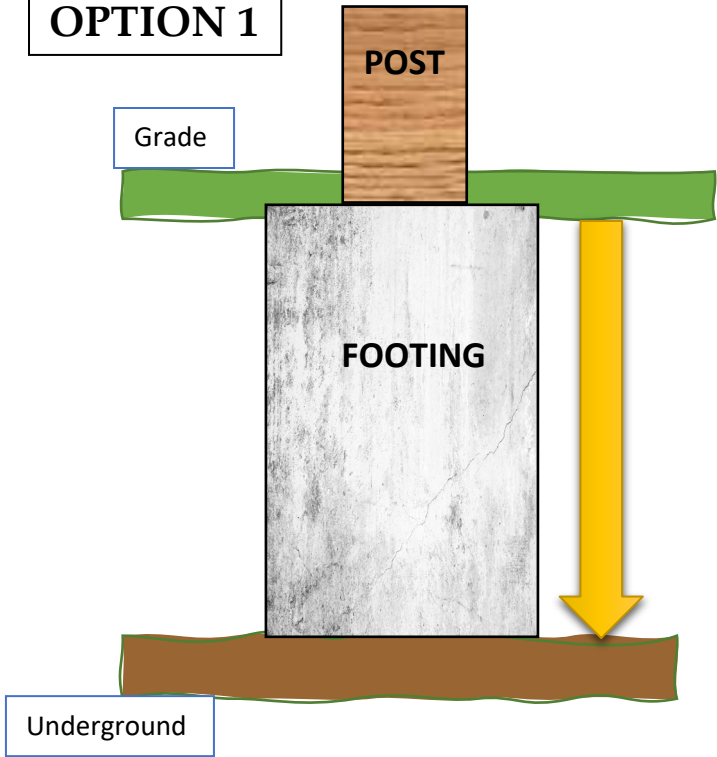
If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- ALL decks require a zoning application.
- Only decks that are 30" above grade require a building permit.
- Decks that are over 30" above grade also require a railing.
- For decks requiring a building permit, please submit all required documents at the same time (building permit, deck applications, plans, etc.)
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **IN LIEU OF COMPLETING THE VISUAL PORTIONS OF THE DECK APPLICATION, CONTRACTORS MAY SUBMIT DETAILED PLANS THAT REFERENCE ALL THE REQUESTED SPECS FOR A DECK.**
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# DECK FOOTING

**OPTION 1**



**1**

Depth of Footing: \_\_\_\_\_"

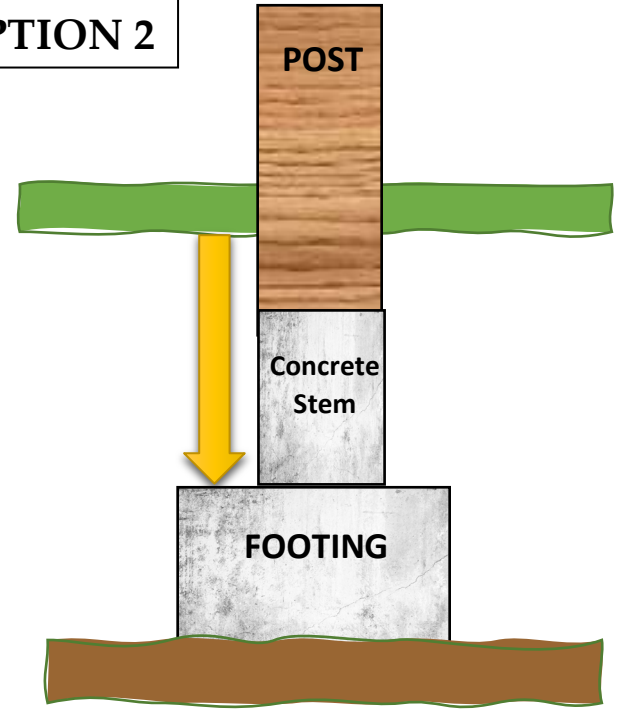
**2**

Connection from concrete to post

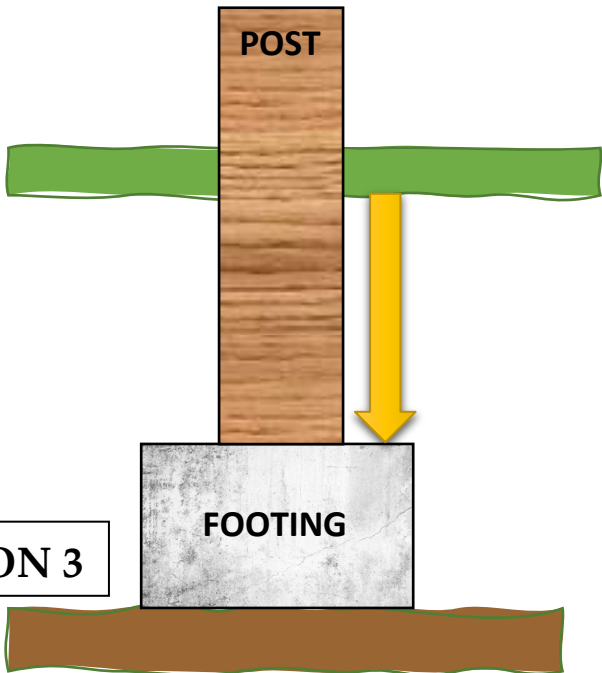
**3**

Depth of Post in Concrete: \_\_\_\_\_"

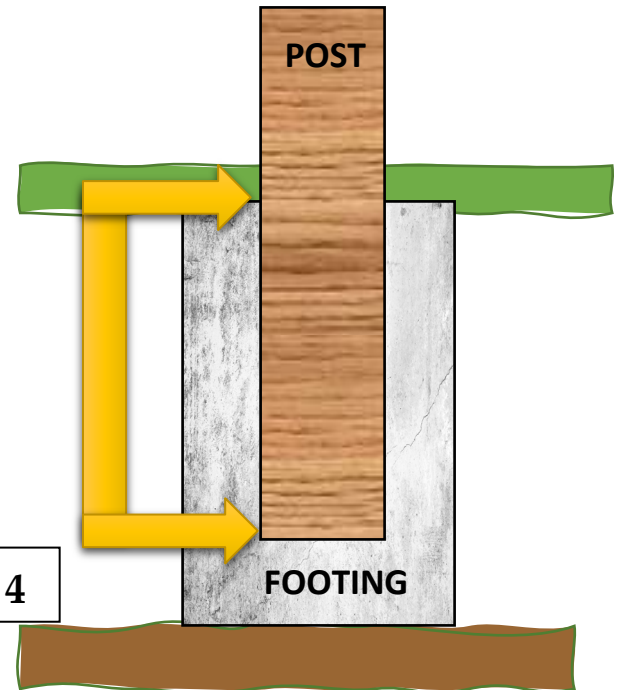
**OPTION 2**



**OPTION 3**



**OPTION 4**



# DECK FOOTING

WHICH OPTION WILL YOU BE USING?

OPTION 1: \_\_\_\_\_ OPTION 2: \_\_\_\_\_ OPTION 2: \_\_\_\_\_ OPTION 4: \_\_\_\_\_

## 1 FOOTING DEPTH

Must be in compliance with the 2015 IRC.

Page 847 – FOOTINGS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-4-foundations#text-id-9809260>

**I ACKNOWLEDGE THAT MY FOOTING DEPTH IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## 2 CONNECTIONS

Must be in compliance with the 2015 IRC.

Page 847 – FOOTINGS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-4-foundations#text-id-9809260>

**I ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THE CONNECTION REQUIREMENTS AND WILL COMPLY WITH THE REQUIRED SPECS: \_\_\_\_\_**

## 3 POST DEPTH

Must be in compliance with the 2015 IRC.

Page 847 – FOOTINGS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-4-foundations#text-id-9809260>

**I ACKNOWLEDGE THAT MY POST DEPTH IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

# **DECK WITH CANTILEVER AND DROPPED BEAM PLANS**

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## **THE PURPOSE**

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help us understand your plans for a **DECK WITH CANTILEVER AND DROPPED BEAM**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## **THE APPLICATION**

This portion of the application is formatted with a pre-designed visual of a deck with a cantilever and dropped beam already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the **2015 International Residential Code**.

The link to view the online version of the 2015 IRC is: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBERED INFORMATION SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

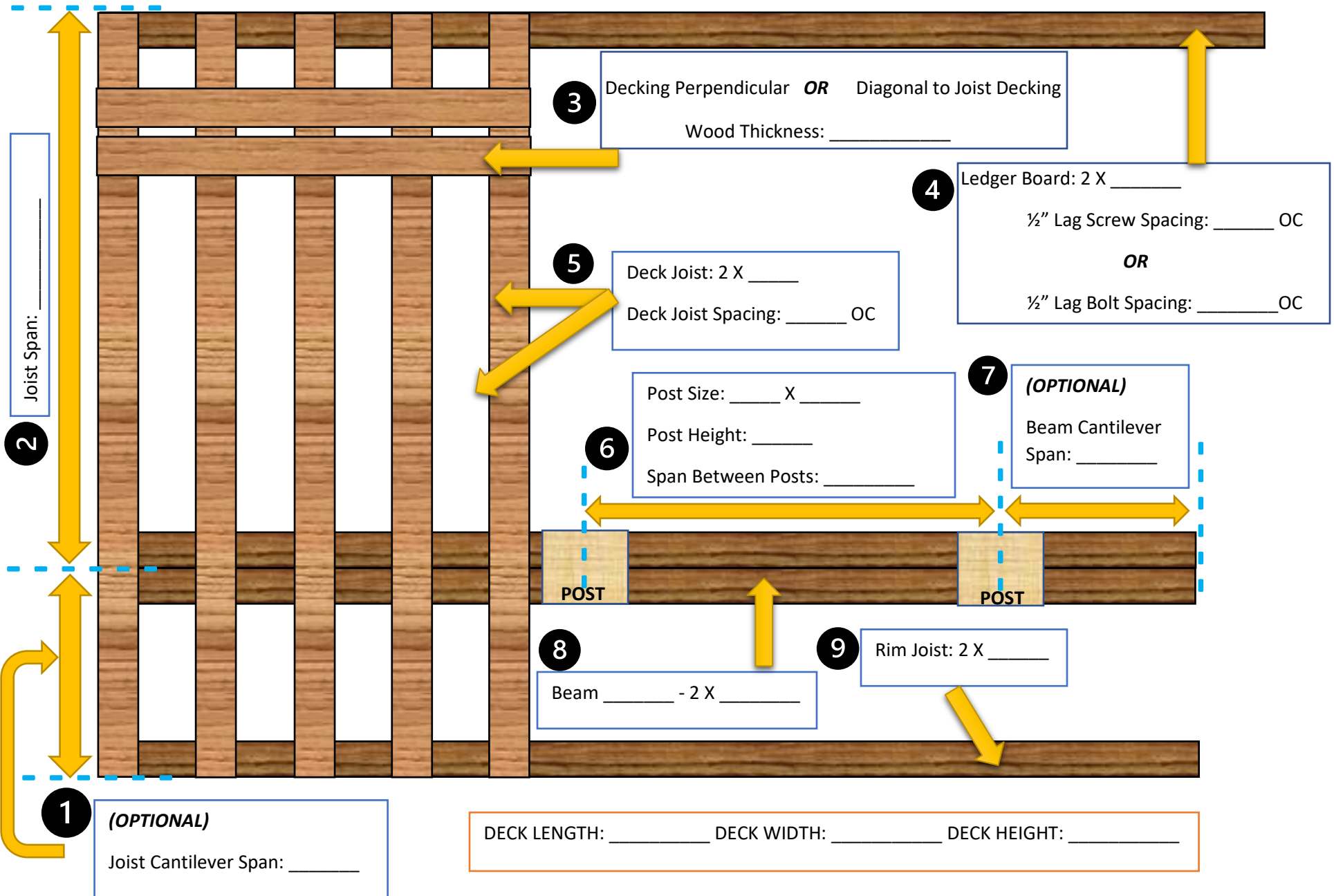
If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- ALL decks require a zoning application.
- Only decks that are 30" above grade require a building permit.
- Decks that are over 30" above grade also require a railing.
- For decks requiring a building permit, please submit all required documents at the same time (building permit, deck applications, plans, etc.)
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **IN LIEU OF COMPLETING THE VISUAL PORTIONS OF THE DECK APPLICATION, CONTRACTORS MAY SUBMIT DETAILED PLANS THAT REFERENCE ALL THE REQUESTED SPECS FOR A DECK.**
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# DECK WITH CANTILEVER & DROPPED/FLUSHED BEAM

EXISTING HOUSE – TOP-DOWN VIEW



## DECK WITH CANTILEVER & DROPPED/FLUSHED BEAM

### 1 OPTIONAL JOIST CANTILEVER

The Joist Cantilever is optional, so you may not have this.

I AM HAVING A JOIST CANTILEVER: \_\_\_\_\_ I AM NOT HAVING A JOIST CANTILEVER: \_\_\_\_\_

Must be in compliance with the 2015 IRC.

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY JOIST CANTILEVER SPAN IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 2 JOIST SPAN

Must be in compliance with the 2015 IRC.

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY JOIST SPAN IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 3 WOOD THICKNESS

Must be in compliance with the 2015 IRC.

Page 920 – TABLE R507.4 MAXIMUM JOIST SPACING

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY WOOD THICKNESS IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

**I AM USING PLASTIC COMPOSITE RATHER THAN WOOD: \_\_\_\_\_YES \_\_\_\_\_NO**

**IF SO, I ACKNOWLEDGE THAT MY PLASTIC COMPOSITE WILL MEET MANUFACTURE SPECIFICATIONS: \_\_\_\_\_**

## DECK WITH CANTILEVER & DROPPED/FLUSHED BEAM

### 4 LEDGERBOARD AND LAG BOLTS/SCREWS

Must be in compliance with the 2015 IRC.

Page 916 – R507.2.1 LEDGER DETAILS

Page 916 – R507.2.3 LEDGER TO BAND JOIST FASTENER DETAILS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I WILL BE USING LAG BOLTS: \_\_\_\_\_ I WILL BE USING LAG SCREWS: \_\_\_\_\_**

**I ACKNOWLEDGE THAT LEDGERBOARD SIZE AND LAG BOLT/SCREW SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 5 DECK JOIST SIZE AND SPACING

Must be in compliance with the 2015 IRC.

Page 920 - TABLE R507.4 MAXIMUM JOIST SPACING

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY DECK JOIST SIZE AND DECK JOIST SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 6 POSTS

Must be in compliance with the 2015 IRC.

Page 922 – R507.8 DECK POST HEIGHT

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY POST DIMENSIONS AND SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## DECK WITH CANTILEVER & DROPPED/FLUSHED BEAM

### 7 OPTIONAL BEAM CANTILEVER

The Beam Cantilever Span is optional, so you may not have this.

Must be in compliance with the 2015 IRC.

Page 921 – R507.6 DECK BEAMS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

I AM HAVING A BEAM CANTILEVER SPAN: \_\_\_\_\_ I AM NOT HAVING A BEAM CANTILEVER SPAN: \_\_\_\_\_

IF YES, I ACKNOWLEDGE THAT MY BEAM CANTILEVER SPAN IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_

### 8 BEAM SIZE

Must be in compliance with the 2015 IRC.

Page 921 – R507.6 DECK BEAMS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

I AM USING A DROPPED BEAM: \_\_\_\_\_ I AM USING A FLUSH BEAM: \_\_\_\_\_

I ACKNOWLEDGE THAT MY BEAM SIZE IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_

### 9 RIM JOIST

\*Rim joist has no special requirements.

I ACKNOWLEDGE THAT MY RIM JOIST IS WRITTEN IN THE ABOVE DRAWING: \_\_\_\_\_



# DECK WITH NO JOIST CANTILEVER PLANS

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## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help us understand your plans for a **DECK WITH NO JOIST CANTILEVER**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of a deck with no cantilever already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the *2015 International Residential Code*.

The link to view the 2015 IRC is: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

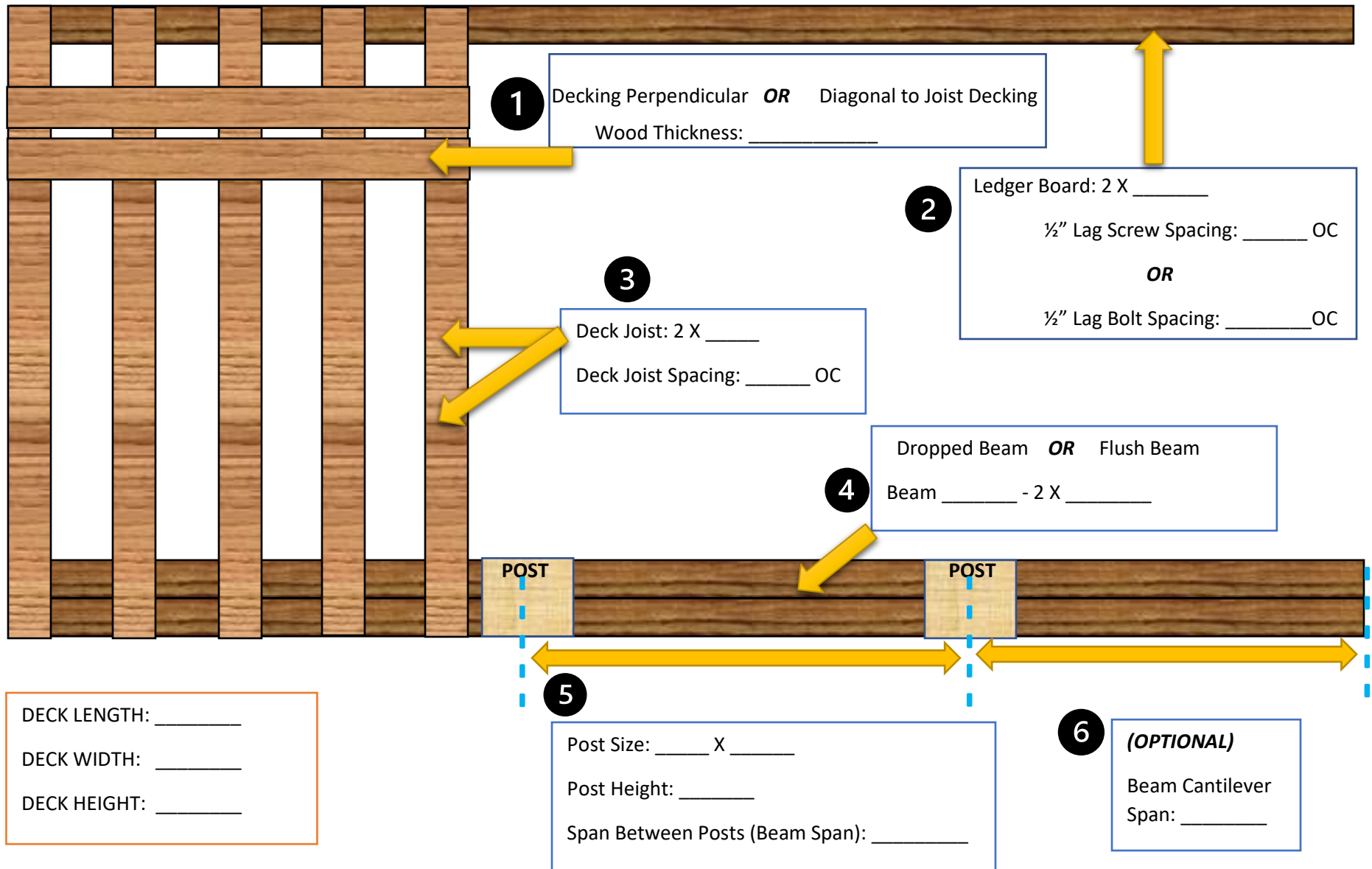
If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- ALL decks require a zoning application.
- Only decks that are 30" above grade require a building permit.
- Decks that are over 30" above grade also require a railing.
- For decks requiring a building permit, please submit all required documents at the same time (building permit, deck applications, plans, etc.)
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **IN LIEU OF COMPLETING THE VISUAL PORTIONS OF THE DECK APPLICATION, CONTRACTORS MAY SUBMIT DETAILED PLANS THAT REFERENCE ALL THE REQUESTED SPECS FOR A DECK.**
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# DECK WITH NO JOIST CANTILEVER

EXISTING HOUSE – TOP-DOWN VIEW



## DECK WITH NO JOIST CANTILEVER

### 1 WOOD THICKNESS

Must be in compliance with the 2015 IRC.

Page 920 – TABLE R507.4 MAXIMUM JOIST SPACING

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY WOOD THICKNESS IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_**

**I AM USING PLASTIC COMPOSITE RATHER THAN WOOD: \_\_\_\_ YES \_\_\_\_ NO**

**IF SO, I ACKNOWLEDGE THAT MY PLASTIC COMPOSITE WILL MEET MANUFACTURE SPECIFICATIONS: \_\_\_\_\_**

### 2 LEDGERBOARD AND LAG BOLTS/SCREWS

Must be in compliance with the 2015 IRC.

Page 916 – R507.2.1 LEDGER DETAILS

Page 916 – R507.2.3 LEDGER TO BAND JOIST FASTENER DETAILS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I WILL BE USING LAG BOLTS: \_\_\_\_\_ I WILL BE USING LAG SCREWS: \_\_\_\_\_**

**I ACKNOWLEDGE THAT LEDGERBOARD SIZE AND LAGBOLT/SCREW SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 3 DECK JOIST SIZE AND SPACING

Must be in compliance with the 2015 IRC.

Page 920 - TABLE R507.4 MAXIMUM JOIST SPACING

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY DECK JOIST SIZE AND DECK JOIST SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_**

## DECK WITH NO JOIST CANTILEVER

### 4 BEAM SIZE

Must be in compliance with the 2015 IRC.

Page 921 – R507.6 DECK BEAMS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I AM USING A DROPPED BEAM: \_\_\_\_\_ I AM USING A FLUSH BEAM: \_\_\_\_\_**

**I ACKNOWLEDGE THAT MY BEAM SIZE IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 5 DECK JOIST SIZE AND SPACING

Must be in compliance with the 2015 IRC.

Page 920 - TABLE R507.4 MAXIMUM JOIST SPACING

Page 920 – TABLE R507.5 DECK JOIST SPANS FOR COMMON LUMBER SPECIES

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I ACKNOWLEDGE THAT MY DECK JOIST SIZE AND DECK JOIST SPACING IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 6 OPTIONAL BEAM CANTILEVER SPAN

The Beam Cantilever Span is optional, so you may not have this.

Must be in compliance with the 2015 IRC.

Page 921 – R507.6 DECK BEAMS

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**I AM HAVING A BEAM CANTILEVER SPAN: \_\_\_\_\_ I AM NOT HAVING A BEAM CANTILEVER SPAN: \_\_\_\_\_**

**IF YES, I ACKNOWLEDGE THAT MY BEAM CANTILEVER SPAN IS WRITTEN IN THE ABOVE DRAWING AND MEETS THE REQUIRED SPECS: \_\_\_\_\_**

# GUARDRAIL POST CONNECTIONS

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help you understand your plans for the **GUARDRAIL POST CONNECTIONS**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of the guardrail post connection already included. Please fill in the required information in the provided blanks. There are 4 different options when it comes to post connections. Each of those options are included in the visuals. Please check which option you will be using. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the *2015 International Residential Code*.

The link to view the 2015 IRC is: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

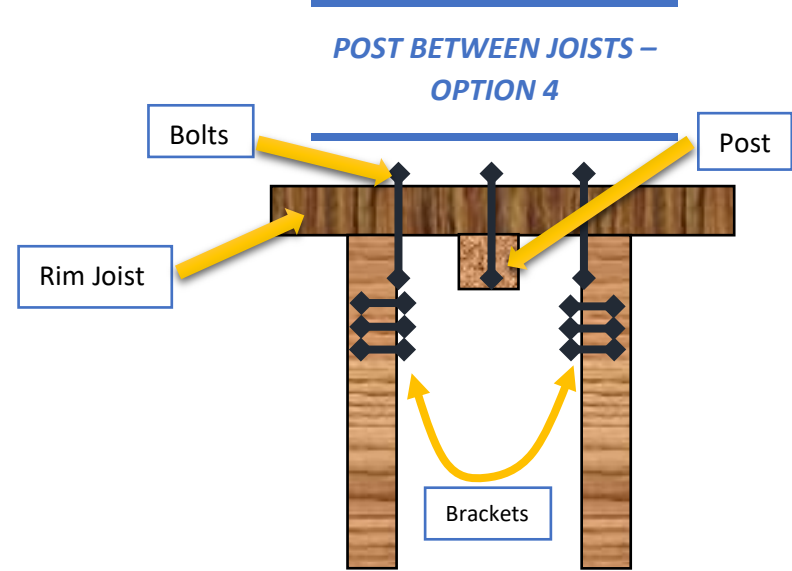
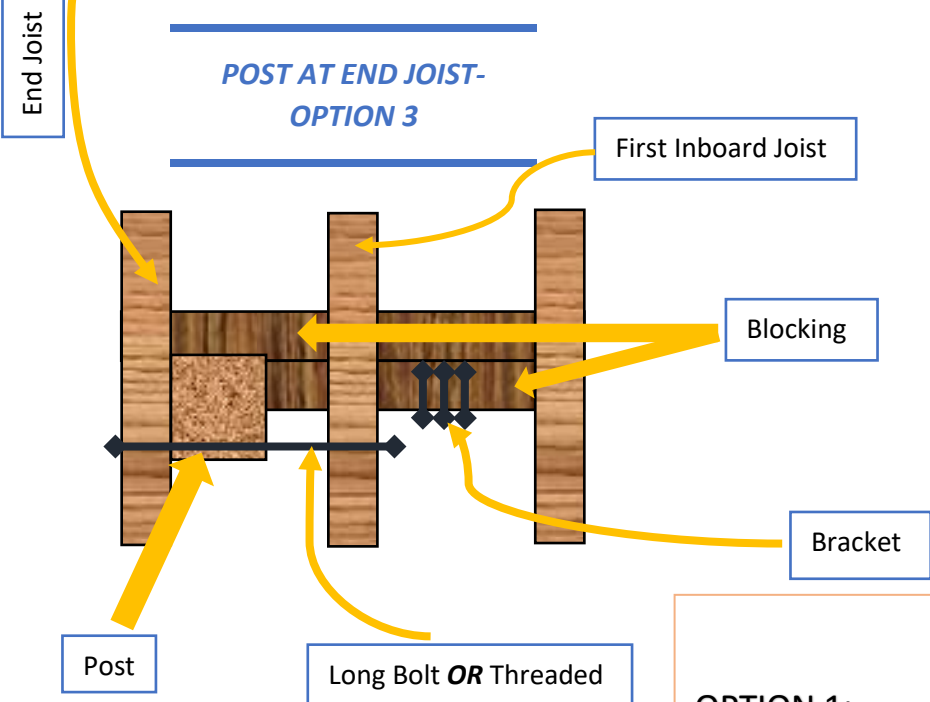
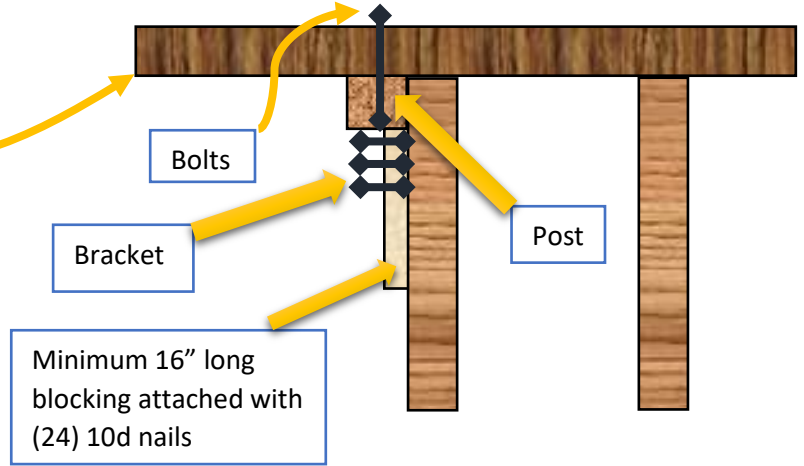
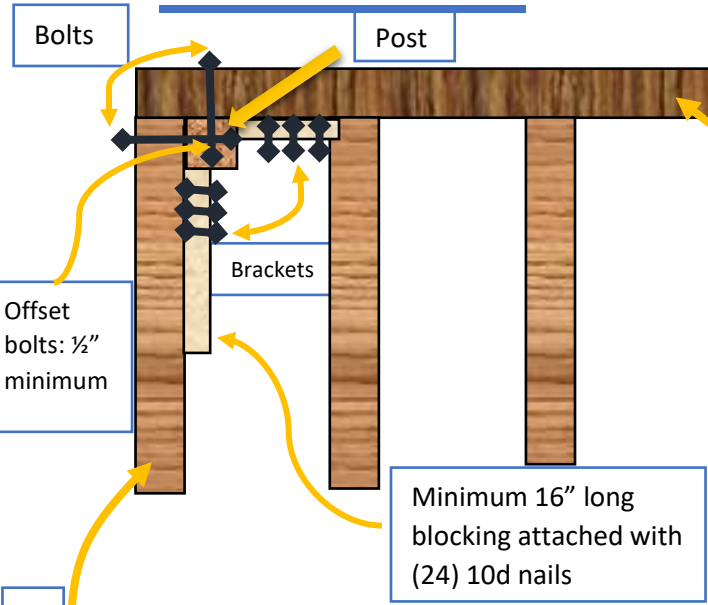
### **Important things to note:**

- ALL decks require a zoning application.
- Only decks that are 30" above grade require a building permit.
- Decks that are over 30" above grade also require a railing.
- For decks requiring a building permit, please submit all required documents at the same time (building permit, deck applications, plans, etc.)
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **IN LIEU OF COMPLETING THE VISUAL PORTIONS OF THE DECK APPLICATION, CONTRACTORS MAY SUBMIT DETAILED PLANS THAT REFERENCE ALL THE REQUESTED SPECS FOR A DECK.**
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# GUARDRAIL POST DETAILS – TOP-DOWN VIEW

*POST AT OUTSIDE CORNER – OPTION 1*

*POST ALONGSIDE JOIST – OPTION 2*

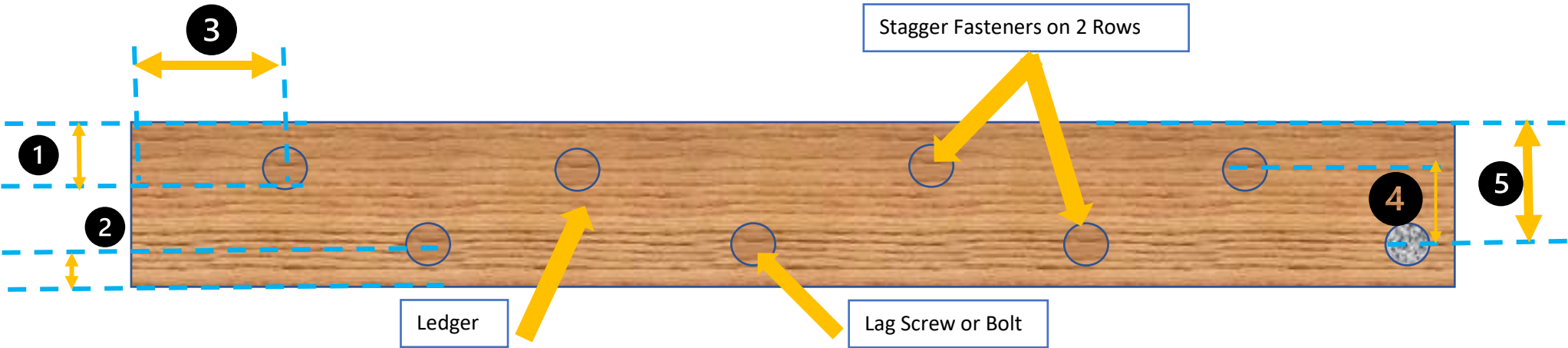


WHICH OPTION WILL YOU BE USING?

OPTION 1: \_\_\_\_\_ OPTION 2: \_\_\_\_\_ OPTION 2: \_\_\_\_\_ OPTION 4: \_\_\_\_\_

## GUARDRAIL POST DETAILS – TOP-DOWN VIEW

### PLACEMENT OF LAG SCREWS/BOLTS



- |  |   |
|--|---|
| <p><b>1</b> 2" minimum<br/>Your measurement: _____</p>   | <p><b>4</b> 5" maximum<br/>Your measurement: _____</p>  |
| <p><b>2</b> 3/4" minimum<br/>Your measurement: _____</p> | <p><b>5</b> 5.5" Minimum for 2 X 8*<br/>6.5" Minimum for 2 X 10<br/>7.5" Minimum for 2 X 12<br/>Your measurement: _____</p> |
| <p><b>3</b> 2" minimum<br/>Your measurement: _____</p>   |   |

\*DISTANCE IS PERMITTED TO BE REDUCED TO 4.5" IF LAG SCREWS ARE USED OR BOLT SPACING IS REDUCED TO THAT OF LAG SCREWS TO ATTACH 2 X 8 LEDGER AND BAND JOIST\*

**LAG SCREWS:** \_\_\_\_\_

**LAG BOLTS:** \_\_\_\_\_

Must be in compliance with the 2015 IRC.

Page 916 – **R507.2 DECK LEDGER CONNECTION TO BAND JOIST**

Found at: [https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015\\_Pt03\\_Ch05\\_SecR507](https://codes.iccsafe.org/content/IRC2015/chapter-5-floors#IRC2015_Pt03_Ch05_SecR507)

I ACKNOWLEDGE THAT MY CONNECTION MEASUREMENTS ARE WRITTEN IN THE ABOVE DRAWING AND MEET THE REQUIRED SPECS: \_\_\_\_\_

# DECK RAILING PLANS

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help you understand your plans for a **RAILING** on your deck. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of a deck railing already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the *Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code*.

The link to view the guide is: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- ALL decks require a zoning application.
- Only decks that are 30” above grade require a building permit.
- Decks that are over 30” above grade also require a railing.
- For decks requiring a building permit, please submit all required documents at the same time (building permit, deck applications, plans, etc.)
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **IN LIEU OF COMPLETING THE VISUAL PORTIONS OF THE DECK APPLICATION, CONTRACTORS MAY SUBMIT DETAILED PLANS THAT REFERENCE ALL THE REQUESTED SPECS FOR A DECK.**
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**



# RAILING

FRONT VIEW

1

Fastener Type: (\_\_\_\_) ea  
\_\_\_\_\_

2

Baluster Size: \_\_\_\_" X \_\_\_\_"

3

Guard Post Size: \_\_\_\_" X \_\_\_\_"

4

Distance between Balusters: \_\_\_\_"

5

Height of Guards: \_\_\_\_' X \_\_\_\_"

6

Highest Point of Finish Floor above  
Grade: \_\_\_\_' \_\_\_\_"

7

Distance between Lower Rail  
and Surface of Deck: \_\_\_\_"

10

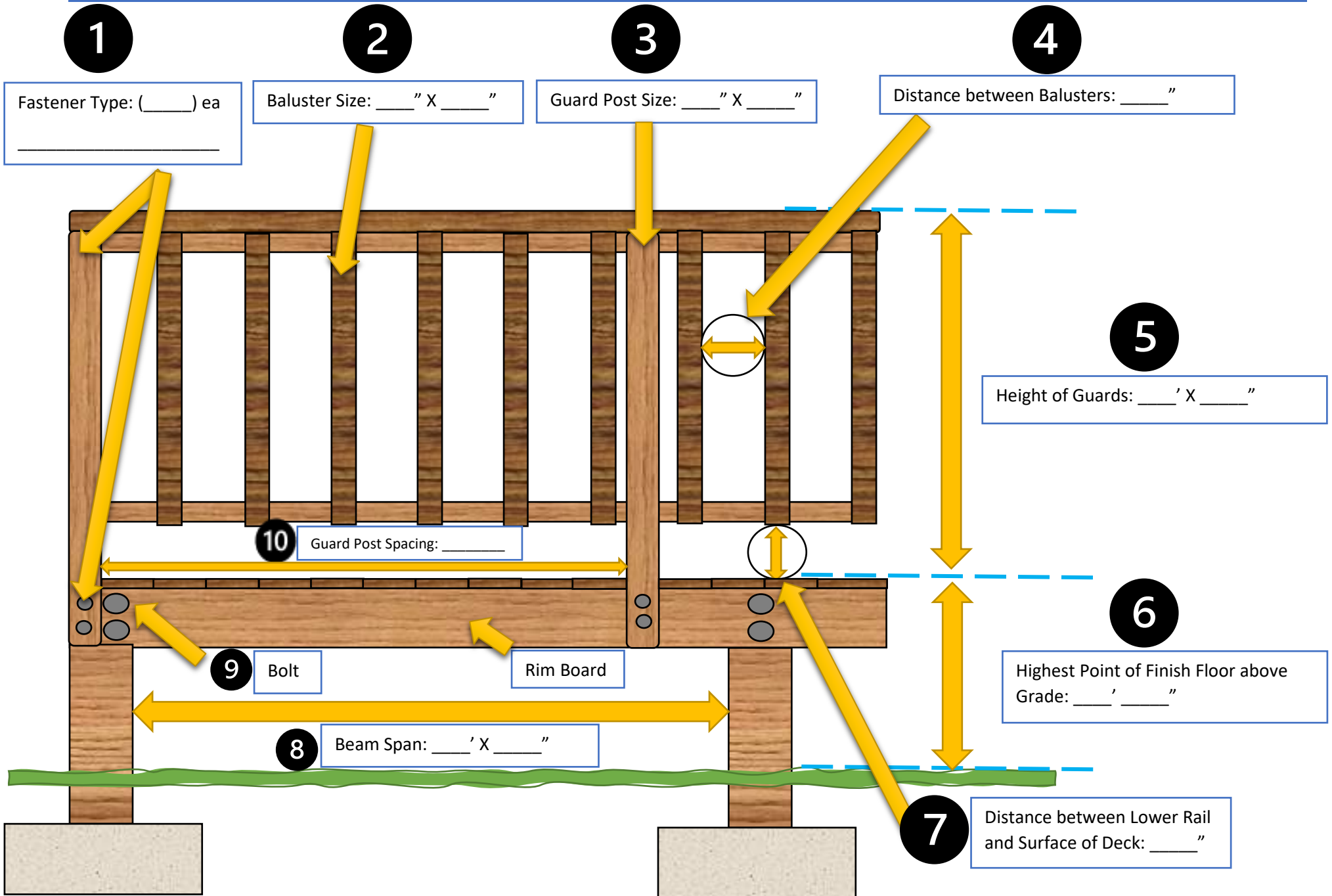
Guard Post Spacing: \_\_\_\_\_

9 Bolt

Rim Board

8

Beam Span: \_\_\_\_' X \_\_\_\_"



## RAILING

### 1 Fastener

Must be in compliance with the *Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.*

Page 3 – DECKING REQUIREMENTS

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE FASTENER TYPE IN THE ABOVE DRAWING AND THAT THE FASTENERS MEET THE REQUIRED SPECS: \_\_\_\_\_**

### 2 Balusters

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – FIGURE 24. EXAMPLE GUARD DETAIL

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE BALUSTER SIZE IN THE DRAWING ABOVE AND THAT THE SIZE MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 3 Guard Post

Must be in compliance with the *Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.*

Page 19 – GUARD POST ATTACHMENTS FOR REQUIRED GUARDS

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE GUARD POST SIZE IN THE DRAWING ABOVE AND THAT THE SIZE MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 4 Distance between Balusters

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – FIGURE 24. EXAMPLE GUARD DETAIL

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE DISTANCE BETWEEN BALUSTERS IN THE DRAWING ABOVE AND THAT THE DISTANCE MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## RAILING

### 5 Height of Guards

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – FIGURE 24. EXAMPLE GUARD DETAIL

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE GUARD HEIGHT IN THE DRAWING ABOVE AND THAT THE HEIGHT MEETS THE REQUIRED SPECS:**

\_\_\_\_\_

### 6 Height of Above Grade

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – GUARD REQUIREMENTS

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE HEIGHT ABOVE GRADE IN THE DRAWING ABOVE AND A HEIGHT ABOVE 30" REQUIRES A GUARD AND BUILDING PERMIT: \_\_\_\_\_**

### 7 Distance between Deck and Lower Railing

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – FIGURE 24. EXAMPLE GUARD DETAIL

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN THE DISTANCE BETWEEN DECK AND RAILING IN THE DRAWING ABOVE AND THAT THE DISTANCE MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## RAILING

### 8 Beam Span

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 7 – FIGURE 3. BEAM SPAN

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN BEAM SPAN IN THE DRAWING ABOVE AND THAT THE SPAN MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 9 Bolts

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 20 – FIGURE 25. GUARD POSTS TO OUTSIDE-JOIST EXAMPLE

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT THE BOLTS WILL MEET THE REQUIRED SPECS: \_\_\_\_\_**

### 10 Guard Post Spacing

Must be in compliance with the Prescriptive Residential Wood Deck Construction Guide based on the 2015 International Residential Code.

Page 19 – FIGURE 24. EXAMPLE GUARD DETAIL

Found at: <https://awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT I HAVE WRITTEN GUARD POST SPACING IN THE DRAWING ABOVE AND THAT THE SPACING MEETS THE REQUIRED SPECS: \_\_\_\_\_**

# STAIR GUARD PLANS

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help us understand your plans for the **STAIR GUARD**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of a stair guard already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the *2015 International Residential Code*.

The link to view the 2015 IRC is: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

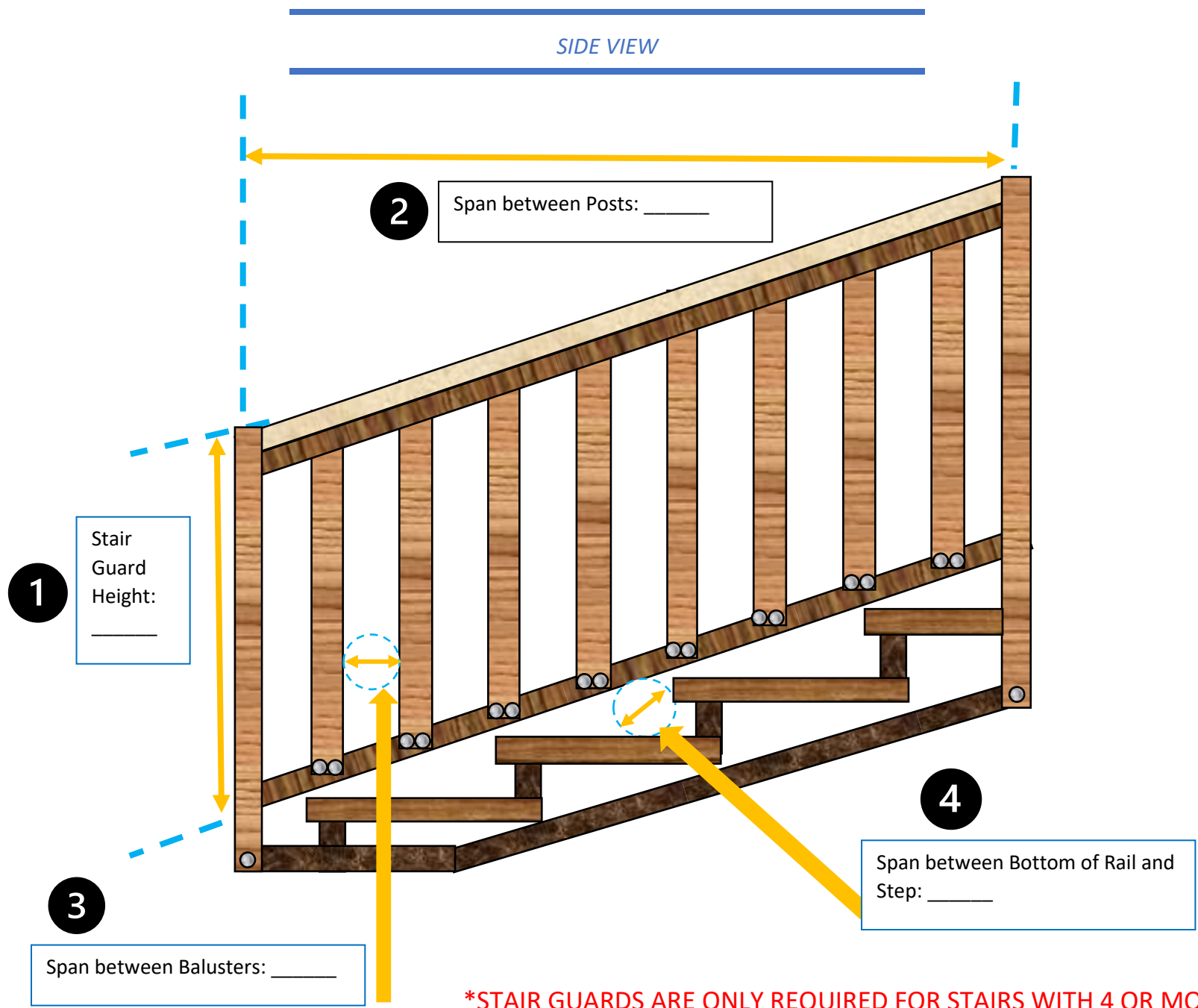
**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- Steps that have 4 or more risers must have a handrail.
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# STAIR GUARD



**\*STAIR GUARDS ARE ONLY REQUIRED FOR STAIRS WITH 4 OR MORE RISERS\***

# STAIR GUARD

## 1 GUARD HEIGHT

Must be in compliance with the 2015 IRC.

Page 833 – R312.1.2 HEIGHT

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE GUARD HEIGHT IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## 2 SPAN BETWEEN POSTS

Must be in compliance with the 2015 IRC.

Page 832 – R311.7.8.2 CONTINUITY

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE SPAN BETWEEN POSTS IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## 3 SPAN BETWEEN BALUSTERS

Must be in compliance with the 2015 IRC.

Page 833 – R312.13 OPENING LIMITATIONS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE SPAN BETWEEN BALUSTERS IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## STAIR GUARD

### 4 GAP FROM RAIL TO STAIR

Must be in compliance with the 2015 IRC.

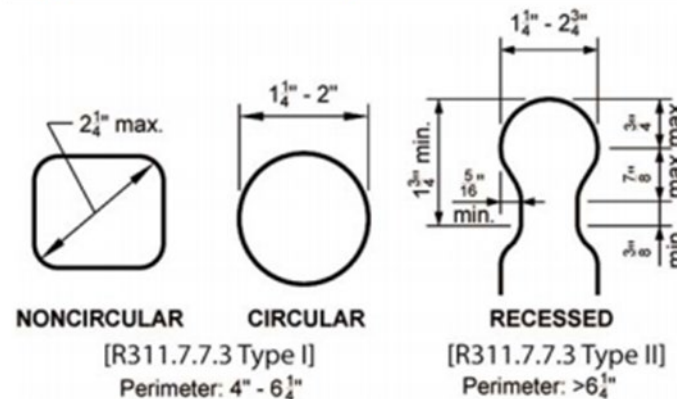
Page 833 – R312.13 OPENING LIMITATIONS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE SPAN BETWEEN THE BOTTOM OF THE RAIL AND STEP IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS \_\_\_:**

### 5 HANDRAIL

**Figure 32B. Handrail Grip Size.**



Which option will you be using?

Noncircular: \_\_\_\_\_

Circular: \_\_\_\_\_

Recessed: \_\_\_\_\_

Must be in compliance with the 2015 IRC PRESCRIPTIVE RESIDENTIAL WOOD DECK CONSTRUCTION GUIDE.

See attached Figure. Found on page 22 of the Prescriptive Wood Deck Construction Guide

Found at: <https://www.awc.org/pdf/codes-standards/publications/dca/AWC-DCA62015-DeckGuide-1804.pdf>

**I ACKNOWLEDGE THAT MY HANDRAIL WILL MEET THE REQUIRED SPECS: \_\_\_**



# STAIRWAY PLANS – FRONT VIEW

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help us understand your plans for the **STAIRWAY (FRONT VIEW)**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of a stairway at the front view already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the **2015 International Residential Code**.

The link to view the 2015 IRC is: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

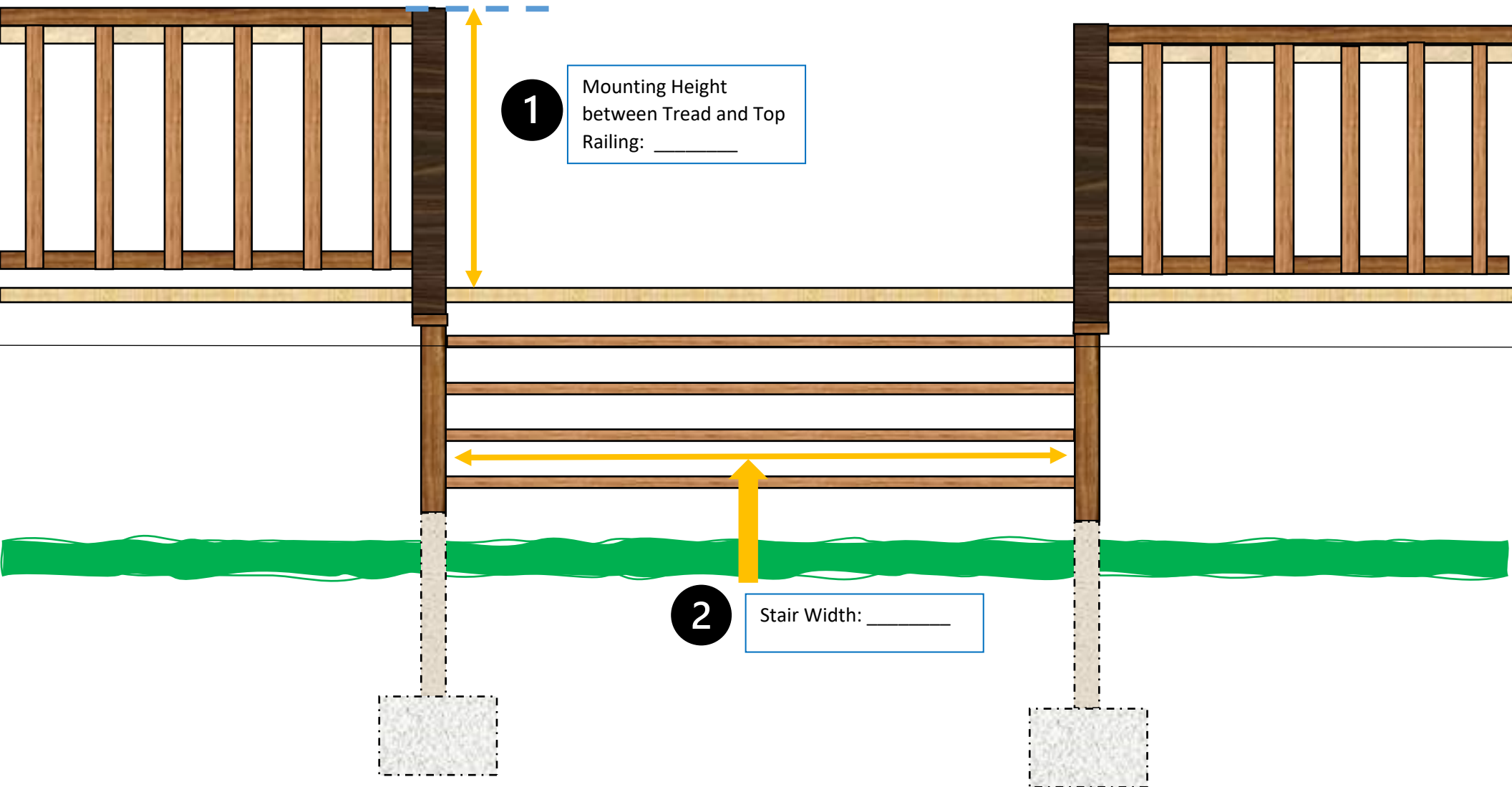
If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- Steps that have 4 or more risers must have a handrail.
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# STAIRWAY

FRONT VIEW



## STAIRWAY

### 1 HANDRAIL HEIGHT

Must be in compliance with the 2015 IRC.

Page 833 – R311.7.8.1 HEIGHT

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE HANDRAIL HEIGHT IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 2 STAIR WIDTH

Must be in compliance with the 2015 IRC.

Page 830 – R311.7.1 WIDTH

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE STAIR WIDTH IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

# STAIRWAY PLANS – SIDE VIEW

PLEASE VIEW THE FOLLOWING INFORMATION PRIOR TO TURNING IN A DECK APPLICATION

## THE PURPOSE

The following information will serve as a guide to make understanding and completing the deck application easier. To make the deck application less overwhelming, we have divided up the application in different parts to ensure we have all the required information at the time of submittal. This specific portion of the application will help us understand your plans for the **STAIRWAY (SIDE VIEW)**. Having all the required information at the time of submittal will make the review and approval processes run smoothly.

## THE APPLICATION

This portion of the application is formatted with a pre-designed visual of a stairway at the side view already included. Please fill in the required information in the provided blanks. Note that each block of information is numbered. On the pages following the visual, information and codes related to each numbered section are provided so you can confirm you are complying with all necessary codes. All requirements for this portion of the application can be found in the **2015 International Residential Code**.

The link to view the 2015 IRC is: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**\*PLEASE INITIAL THE ACKNOWLEDGEMENT UNDER EACH NUMBER SECTION SO WE CAN ENSURE YOU HAVE READ AND UNDERSTAND EACH OF THE REQUIREMENTS\***

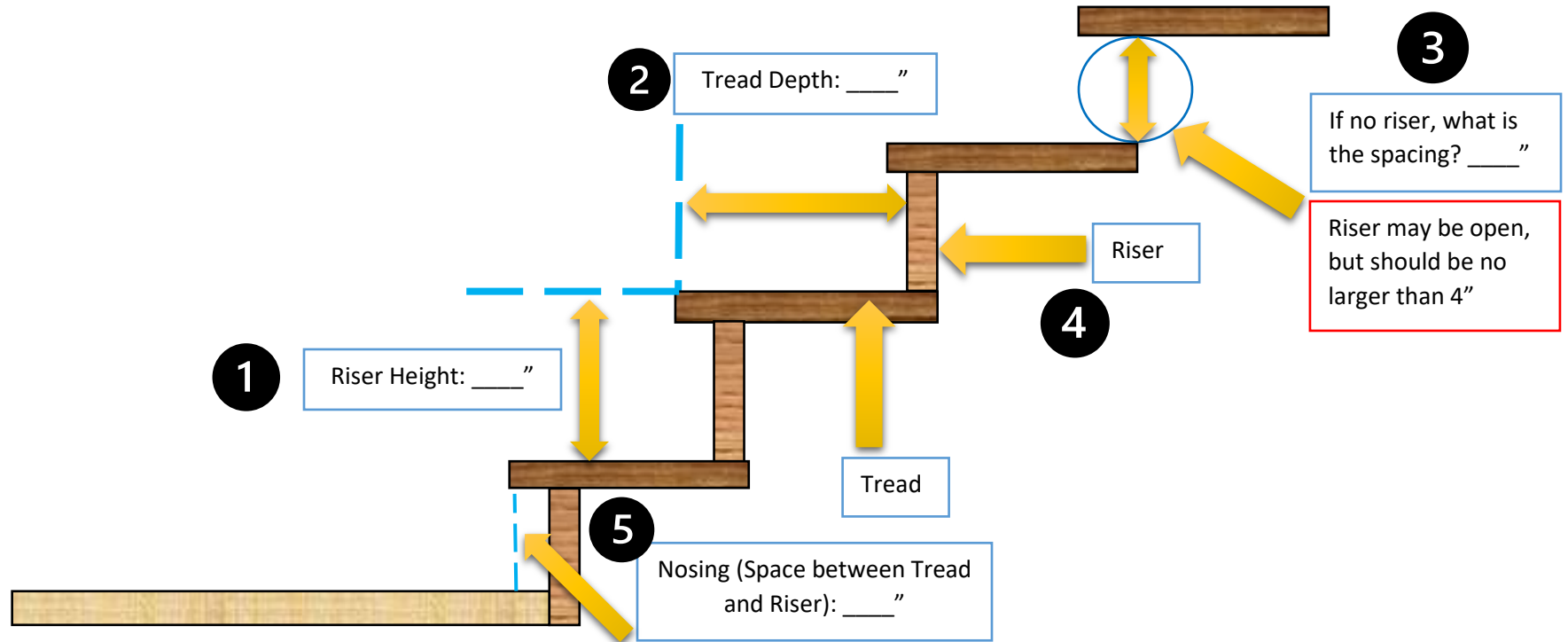
If you have any questions while filling out the application, please reach out to the Elizabeth Township Code Enforcement Department for assistance.

### **Important things to note:**

- Steps that have 4 or more risers must have a handrail.
- This cover page should **NOT** be turned in with the application. **However, please retain a copy of all submitted items for your records as well.**
- Electronic submissions are preferred, but not required. If you are submitting electronically, only **PDF** submissions will be considered. Electronic submissions can be emailed to the Elizabeth Township Code Enforcement Department.
- Include a copy of all the materials you will be using (generally, the photo and description of the materials given on the website of purchase will suffice).
- **THIS APPLICATION MUST BE COMPLETED IN ITS ENTIRETY (INCLUDING INITIALS) TO BE CONSIDERED.**

# STAIRWAY

SIDE VIEW



## STAIRWAY

### 1 RISER HEIGHT

Must be in compliance with the 2015 IRC.

Page 831 – R311.7.5.1 RISERS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE RISER HEIGHT IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 2 TREAD DEPTH

Must be in compliance with the 2015 IRC.

Page 831 – R311.7.5.2 TREADS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THE TREAD DEPTH IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

### 3 OPEN RISERS

Open risers are optional, so you may not have this.

Must be in compliance with the 2015 IRC.

Page 831 – R311.7.5.1 RISERS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I WILL BE HAVING AN OPEN RISER: \_\_\_\_\_ I WILL NOT BE HAVING AN OPEN RISER: \_\_\_\_\_**

**I ACKNOWLEDGE THE TREAD DEPTH IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_\_**

## STAIRWAY

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### RISERS

Must be in compliance with the 2015 IRC.

Page 831 – R311.7.5.1 RISERS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THE REQUIREMENTS FOR RISERS AND THAT THE RISERS WILL MEET THE REQUIRED SPECS: \_\_\_\_**

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### NOSING

Must be in compliance with the 2015 IRC.

Page 831 – R311.7.5.3 NOSINGS

Found at: <https://codes.iccsafe.org/content/IRC2015/chapter-3-building-planning>

**I ACKNOWLEDGE THAT THE NOSING IS WRITTEN IN THE ABOVE DRAWING AND THAT IT MEETS THE REQUIRED SPECS: \_\_\_\_**