

**CUSTOMER ASSISTANCE GUIDE
BUILDING PERMIT APPLICATION SUBMITTAL REQUIREMENTS**

DECKS

- Please read all of the following information.
- The following is a checklist. You must have a "checkmark" in all the sections listed below prior to submitting your application.

- _____ "Affidavit of Exemption" (See attached form) If you are hiring a contractor to construct your deck, and they have workers' compensation, have the contractor or their insurance carrier provide us with a "Certificate of Insurance" showing proof of such. If the homeowner or a contractor without workers' compensation is constructing the deck, the attached form must be completed and notarized.
- _____ A site plan showing the proposed deck, the width and length of the deck, the distances in feet, to the front, sides, rear property lines, and the height of floor surface above grade at highest point.
- _____ Two (2) sets of construction drawings that **show in detail** code compliance for all of the work proposed, to include **but not limited to** the following information:
- _____ Floor joist size, species and grade of wood.
 - _____ Floor joist spacing (16" or center, 24" on center etc.).
 - _____ Span of floor joist (clear distance between supports).
 - _____ Attachment to existing structure (bolts or lags, with sizes and spacing).
 - Ledger shall not be supported on brick or stone veneer.
 - Flashing detail.
 - _____ Depth of post footing below finished grade. (shall be below frost line).
 - _____ Guardrail height from floor of deck, (36" minimum)
 - _____ Guardrail on stairs (34" minimum measured vertically from nose of tread).
 - _____ Spacing of balusters. (maximum 4").
 - _____ Stairs – Riser height and tread depth. (Rise 8 ¼" maximum depth 9" minimum).
 - _____ Stairs – Handrail height (from nose of tread, minimum 34", maximum 38").
 - _____ Handrail grip size – if circular must have a cross section of 1 ¼" minimum to 2" maximum.
 - _____ Width of stairs (36" minimum)
 - _____ Lateral bracing detail.
 - _____ Please refer to (AWC DCA 2015 – deck guide – 1804.pdf) for wood deck design.
- _____ Completed building permit application.

MDIA will review plans submitted to determine code compliance. If the minimum submittal requirements are not met, we will ask the applicant to supply additional information. If the minimum requirements are met, the plans will be marked "approved". A building permit will be issued and the applicant will be notified of the inspection fees and when they can pick-up the permit at the Municipal Building. All fees shall be paid prior to the issuance of the permit. Then use the inspection procedures provided to have all of the required inspections performed.

INSPECTION PROCEDURES DECKS

- Building permit must be posted on the site of the work and clearly visible from the road until completion of the project.
- Your approved plans must be available at all times for inspections. These are the plans that were submitted with your application and were marked “Approved” by the Building Inspection Agency.
- The permit applicant or authorized agent is responsible for scheduling all inspections.
- To schedule an inspection call the inspector listed below.
- **DO NOT schedule an inspection if the work is not ready!!!!**
- When scheduling an inspection, you must supply your permit number and phone number to the inspector.

PLEASE GIVE THREE (3) WORKING DAYS ADVANCE NOTICE

FOOTING INSPECTION WILL BE GIVEN PRIORITY

MIDDLE DEPARTMENT INSPECTION AGENCY, INC.

1. Footing Inspection – Holes must be dug for support posts below frost line. The inspection must be approved prior to placing of concrete.
Inspector: Harry Goerl **Phone: 412-728-6148**
2. Framing Inspection – At the time of inspection all framing members must be visible. Such as floor joists, joist hangers, attachment to dwelling. (lag bolts etc.)
Inspector: Harry Goerl **Phone: 412-728-6148**
3. Electrical if applicable.
Inspector: Harry Goerl **Phone: 412-728-6148**
4. Final inspection – All railings, steps, handrails, guardrails, and decking shall be completed. Inspections #2, #3 and #4 may be conducted at the same time, if all portions of the framing and electrical installation are visible upon completion of the deck.
Inspector: Harry Goerl **Phone: 412-728-6148**

BEFORE DIGGING CALL 811 – SEE ATTACHED BROCHURE

TABLE R502.2.2.1
FASTENER SPACING FOR A SOUTHERN PINE OR HEM-FIR DECK LEDGER
AND A 2-INCH NOMINAL SOLID-SAWN SPRUCE-PINE-FIR BAND JOIST^{a, b}
(Deck live load = 40 psf, deck dead load = 10 psf)

JOIST SPAN	6' and less	6'1" to 8'	8'1" to 10'	10'1" to 12'	12'1" to 14'	14'1" to 16'	16'1" to 18'
Connection details	On-center spacing of fasteners ^{d, e}						
1/2 inch diameter lag screw with 1 1/2 inch maximum sheathing ^a	30	23	18	15	13	11	10
1/2 inch diameter bolt with 1 1/2 inch maximum sheathing	36	36	34	29	24	21	19
1/2 inch diameter bolt with 1 1/2 inch maximum sheathing and 1/2 inch stacked washers ^{a, b}	36	36	29	24	21	18	16

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa.

a. The tip of the lag screw shall fully extend beyond the inside face of the band joist.

b. The maximum gap between the face of the ledger board and face of the wall sheathing shall be 1/2".

c. Ledgers shall be flashed to prevent water from contacting the house band joist.

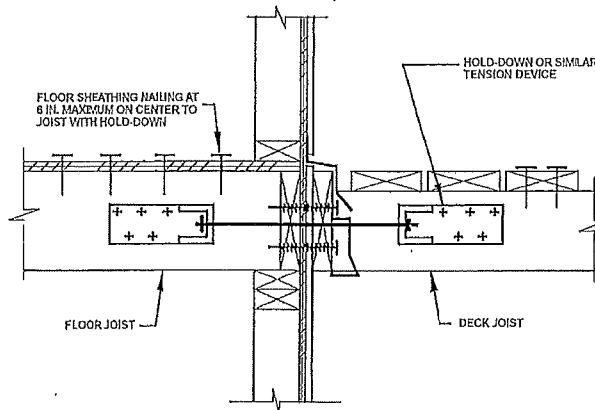
d. Lag screws and bolts shall be staggered in accordance with Section R502.2.2.1.1.

e. Deck ledger shall be minimum 2x8 pressure-preservative-treated No. 2 grade lumber, or other approved materials as established by standard engineering practice.

f. When solid-sawn pressure-preservative-treated deck ledgers are attached to a minimum 1 inch thick engineered wood product (structural composite lumber, laminated veneer lumber or wood structural panel band joist), the ledger attachment shall be designed in accordance with accepted engineering practice.

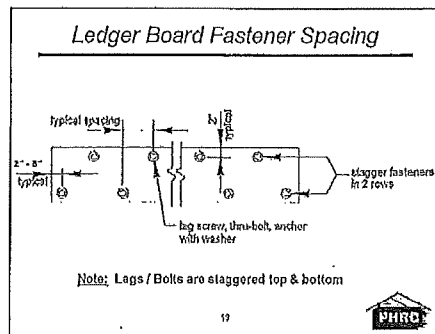
g. A minimum 1 x 6 1/2 Douglas Fir laminated veneer lumber rimboard shall be permitted in lieu of the 2-inch nominal band joist.

h. Wood structural panel sheathing, gypsum board sheathing or foam sheathing not exceeding 1 inch in thickness shall be permitted. The maximum distance between the face of the ledger board and the face of the band joist shall be 1 inch.



For SI: 1 inch = 25.4 mm.

FIGURE 502.2.2.3
DECK ATTACHMENT FOR LATERAL LOADS



THIS FORM REQUIRES A NOTARY SEAL

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 _____

Subscribed, sworn to and acknowledged before me
by the above _____ this _____ Day
of _____
20 _____.

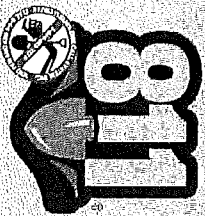
SEAL

Notary Public

**Safe digging is
no accident!**

**Know what's
below.**

**Dial 8-1-1
before you dig.**



TEMPORARY MARKING GUIDELINES

WHITE	Proposed Excavation
PINK	Temporary Survey Markings
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials, Hazardous Materials, Communication, Alarm or Signal Lines, Cables or Conduit and Traffic Loops
ORANGE	Possible Water
BLUE	Reinforced Concrete Foundation and Slurry Walls
PURPLE	Storm and Drain Lines
GREEN	

The following information is needed when you call PA One Call System.

YOUR TELEPHONE NUMBER

YOUR MAILING ADDRESS

COUNTY - The name of the county where the work will take place

MUNICIPALITY - City, Township or Borough where the work will take place

THE ADDRESS WHERE THE WORK WILL TAKE PLACE
THE NEAREST INTERSECTING STREET TO THE WORK SITE
THE NAME OF A SECOND INTERSECTION NEAR THE WORK SITE

IS THE PROPOSED EXCAVATION AREA (WORK SITE) MARKED IN WHITE - Yes or No

OTHER INFORMATION THAT WOULD HELP THE LOCATOR FIND THE SITE - Clarifying information to specify the exact location of the dig

THE TYPE OF WORK BEING DONE

WHETHER THE WORK WILL TAKE PLACE IN: Street, Sidewalk, Public or Private Property

THE APPROXIMATE DEPTH YOU ARE DIGGING
THE EXTENT OF THE EXCAVATION - The approximate size of the opening, the length and width or diameter

THE METHOD OF EXCAVATION - How will the earth be moved

WHO IS THE WORK BEING DONE FOR
PERSON TO CONTACT IF THE UTILITIES HAVE QUESTIONS

THE CONTACT PERSON'S PHONE NUMBER - The phone number with area code for daytime contact

THE BEST TIME TO CALL
FAX NUMBER AND/OR EMAIL ADDRESS - The responses from the facility owners will be sent to you

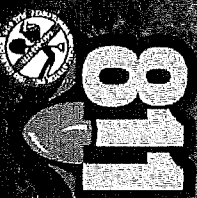
SCHEDULED EXCAVATION DATE AND START TIME - not less than 3 business days or more than 10 business days

DURATION OF A JOB - How long will the job take

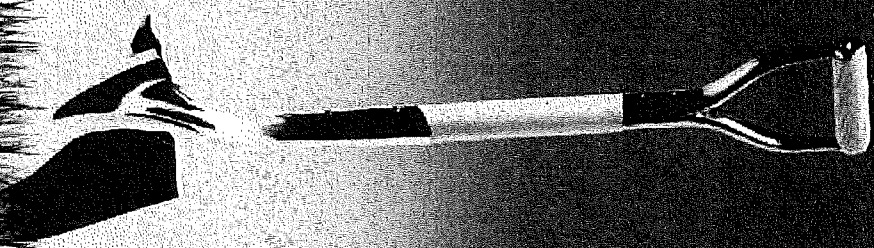
ANY ADDITIONAL REMARKS YOU MAY HAVE

You will be given a 10 digit serial number as confirmation of your call and our system will send you the responses from the utilities on the evening of your scheduled excavation date via fax or email

**Know what's below.
Dial 8-1-1 before you dig.**



www.pa811.org



What do we do?

We are the "Call before you dig!" company for all of Pennsylvania. If you plan to disturb the earth with powered equipment, you are required by Pennsylvania law to notify the underground utility companies of your intent to do so. Notification occurs by calling 8-1-1 or 1-800-242-1776, 24 hours of the day, every day of the year. Notification can also be done on our website at www.paonecall.org.

We will then notify the utility companies nearby of your intent to dig. The utility companies are responsible to mark where their underground lines are located with colored flags, paint or chalk.

Please Note:

- PA One Call does not mark utility lines.
- In some cases, the utility company may not mark the service lines you own.
- If you own your service lines, please call the utility company to mark the service lines.
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Why should you call?

Safe digging is no accident! If you are installing a fence or deck, or digging for a mailbox, post, patio or other excavation project, it is important to know what's below. Dial 8-1-1 or 1-800-242-1776 before you dig. The utility companies do not want an accident, either. The best way to learn where underground utility lines are located is to call before you dig.

For more information, visit www.pa811.org



Homeowner Quick Tips

- One easy phone call to 8-1-1 three to ten business days before digging begins helps keep your neighborhood safe.
- Call on Monday or Tuesday if you plan to dig on Saturday or Sunday.
- The utility companies will mark where their underground lines are located with colored paint, flags or chalk.
- Do not remove the flags if you see them in your yard.
- Our service is no cost to homeowners.
- Did you hire someone to install your fence, deck or new patio? Ask to see the PA One Call serial number before allowing them to dig on your property.

The Excavator's Responsibility

- Dial 8-1-1 or 1-800-242-1776.
- Do not allow anyone to excavate on your property without calling.
- Always look for the markings on the ground before your dig date.
- If you do not see markings, do not allow anyone to dig. Wait for the lines to be marked by the utility.
- Whoever places the call will receive an email or fax with a list of facility owners who have marked or have not marked. Pay attention to this message.
- Respect the markings by not removing flags or disturbing the actual markings.
- Exercise care around the marked lines by hand digging.
- When the project is complete, the excavation should remove the flags or marks from the ground.
- Report mistakes by calling 8-1-1.
- Report emergencies by calling 911.