

DECK PERMIT



Waukee
DEVELOPMENT SERVICES

Definition

A **deck** is an exterior floor system supported on at least two opposing sides by an adjoining structure and/or posts, piers or other independent supports.

Permits

- A permit is required by the City of Waukee before the erection, construction, alteration, placing or locating of any deck.
- The price of a deck permit is based upon the square footage of the proposed deck(s).

Process

- Obtain and fill out a general permit application from the Development Services Department at Waukee City Hall or online at www.Waukee.org/BuildingPermits.
- Submit a completed application with a copy of a site plan and specs including details of the size, location and proposed materials.
- After an application and all required information have been submitted, the department has 12 business days to review the application.
- You will be notified by telephone or email of approval and any fees.
- Once the permit has been approved and paid for, you may begin your project.
- Inspections are required for deck footings and framing as well as upon deck completion.



Requirements

- Post and span requirements depend on total square footage of deck that will be supported. (see next page)

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Waukee Development Services Department

230 W. Hickman Road • Waukee, IA 50263 • 515-978-9533 • www.Waukee.org/BuildingPermits

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Deck Construction Drawings Must Include:

1. Heights above grade
2. Supports
3. Size and number of holes
4. Handrails (required if the deck is 30" or more above grade. Railing should be 36" tall with 4" spacing)
5. Spans

Determine the Size & Number of Holes:

If free-standing:

$$\frac{\text{Total Sq. Ft. of Deck}}{\text{Number of Holes}} = \text{Sq. Ft. to be Displaced}$$

If attached:

$$\frac{1/2 \times \text{Total Sq. Ft. of Deck}}{\text{Number of Holes}} = \text{Sq. Ft. to be Displaced}$$

- Compare to the list at right; if square feet falls between listed figures, round up to the next size.
- Holes should be dug at least 42" deep (frost footing) with a minimum 4" concrete pad.

Deck Displacement

- (1) 6" hole = 8 square feet of deck
- (1) 8" hole = 14 square feet of deck
- (1) 10" hole = 22 square feet of deck
- (1) 12" hole = 32 square feet of deck
- (1) 14" hole = 44 square feet of deck
- (1) 16" hole = 56 square feet of deck
- (1) 18" hole = 72 square feet of deck

Spans:

Deck thickness required:

24" on center = 2"

16" on center = 1 1/4"

12" on center = 3/4"

- All fasteners must be galvanized.
- All load-bearing bolts and lags must be a minimum of 1/2".

Size	24" on center	16" on center	12" on center
2x6	8'1" span	9'4" span	10'3" span
2x8	10'3" span	12'3" span	13'6" span
2x10	12'7" span	15'5" span	17'3" span
2x12	14'7" span	17'10" span	20'7" span

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