

Deck Permit

DEFINITIONS

- ◆ 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.

REQUIREMENTS

- ◆ Post and span requirements depend on total square footage of deck that will be supported. See back page for more information.

PERMITS

- ◆ A permit is required by the City of Norwalk before the erection, construction, alteration, placing or locating of any deck.
- ◆ Price of a deck permit is \$25.



PROCESS

- ◆ Obtain and fill out a permit application from Development Services Department at Norwalk City Hall or online at: www.norwalk.iowa.gov
- ◆ Submit a completed application with a copy of detailed plans, specs, and proposed materials; include a site plan showing details of the size, location, distance to property lines.
- ◆ After an application and all required information has been submitted, the Department has 12 business days to review the application.
- ◆ You will be notified by telephone or e-mail of approval and any fees.
- ◆ Once the permit has been approved and paid, you may begin your project.
- ◆ Inspections are required for deck footings, framing, and upon deck completion.

* The City of Norwalk recommends that property owners verify the deck they desire is allowed under any restrictive covenants.



City of Norwalk Planning and Building Department
705 North Avenue
Norwalk, IA 50211
Phone: 515.981.0228 ext. 222
Fax: 515.981.4305
www.norwalk.iowa.gov



**Know what's below.
Call before you dig.**

Deck Permit Continued

DECK CONSTRUCTION

Drawing must include:

1. HEIGHTS ABOVE GRADE
2. SUPPORTS
3. SIZE AND 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:

$$\frac{1/2 \text{ Total sq. ft. of deck}}{\text{Number of holes}} = \text{Sq. ft. to be displaced}$$

- ◆ Compare to list at right; if square feet falls in between listed figures, round up to next size
 - ◆ Holes should be dug at least 42" deep (frost footing) with minimum 8" concrete pad.
4. **HANDRAILS:** required if the deck is 30" or more above grade. Railing should be 36" tall with less than 4" spacing.

5. **SPANS:** See table at right

Deck thickness required:

24" on center = 2"

16" on center = 1 1/4"

12" on center = 3/4"

IMPORTANT NOTES:

- ⇒ **All fasteners must be galvanized**
- ⇒ **All load-bearing bolts and lags must be a minimum of 1/2"**
- ⇒ **Framing must be nailed, not screwed**

DECK DISPLACEMENT

- (1) 12" hole = 32 sq ft of deck
- (1) 14" hole = 44 sq ft of deck
- (1) 16" hole = 56 sq ft of deck
- (1) 18" hole = 72 sq ft of deck

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

NOTE: We will gladly accept a drawing from you favorite home improvements store as engineered plans