

DECK PERMIT APPLICATION

office hours: Monday – Friday 7:30 am – 3:30 pm

Project address _____ P.I.N. _____ - _____ - _____

Permit Fees are: Decks 100 square feet and less \$30.00
Decks 101 square feet and greater \$100.00

DO NOT INCLUDE PAYMENT WITH APPLICATION. Payment will be due upon permit being issued.

APPLICATION REQUIREMENTS:

1. Complete permit application, signed by owner / agent.
2. 2 sets of construction plans being of sufficient clarity, with scale and dimensions. Show cross section of structure, to include at the least, (you may include more information, but not less than requested)
 - depth of piers,
 - stairs; rise, tread and width ,
 - framing,
 - decking,
 - railings, include handrail grip dimension,
 - method of anchoring to house,
 - distances from grade to deck and top rail,
 - projected dimension from ground to finished floor height at greatest height,
 - indicate all materials being used.

(this office does not accept “home center” plans which do not conform to the above).
3. Submit a detailed site plan or plat of survey depicting any existing improvements, easements and structures. Show placement of proposed deck on site plan. Include parcel identification number on site plan.
4. If deck is to be constructed by other than homeowner, please include contractor’s name, address, and phone number.
5. Additional information or documentation may be required if deemed necessary by the Building Department staff.

As the permit applicant I understand that I am responsible for:

Submitting all application materials as required by the Building Department, obtaining all permits and approvals from jurisdictions including but not limited to; I.D.O.T., D.N.R.-O.W.R., F.E.M.A., I.E.P.A., the Marengo Fire Protection District and the McHenry County Department of Health. In addition, I agree to pay all permit and review fees including but not limited to architect, attorney, engineer or outside review firm fees incurred by the City regarding my permit application.

Also as the current owner or agent for the current owner and permit applicant I have read, understand and agree to abide by the covenants and restrictions and homeowner’s association requirements of the subdivision in which my parcel is platted. Further I understand that these restrictions may be more restrictive than the requirements and codes for the City of Marengo and the issuance of a permit by the City does not authorize me to violate the covenants and restrictions of the subdivision or the rules promulgated by the property owner’s association.

APPLICANT SIGNATURE

DATE

APPLICANT NAME PRINTED

APPLICANT DAYTIME PHONE

Deck permit application

Deck application

Permit Number _____
Date issued _____
Date expires _____

1. Parcel Identification Number _____ - _____ - _____
Project address _____
Property owner's name _____
Daytime phone number _____ fax number _____
Property owner's address _____

2. Cost of construction \$ _____ Square footage of proposed deck _____
Width of deck _____ Length of deck _____ Pier depth _____
Height from grade to finished floor deck at highest point _____
Stair riser _____ Tread depth _____

3. Contractor name _____
Contractor address _____
Daytime phone _____ fax number _____

This space for office use

- Approved _____
Plan reviewer _____ Date _____
- Rejected

2003 IRC One and Two Family Dwellings

Stairway widths, stair treads, risers and handrails

R311.5.1 Width

Stairways shall not be less than 36 inches in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings shall not be less than 31.5 inches where a handrail is installed on one side and 27 inches where handrails are provided on both sides.

R311.5.2 Headroom

The minimum headroom in all parts of the stairway shall not be less than 6 feet 8 inches measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing or platform.

R311.5.3 Stair Treads & Risers

R311.5.3.1 RISER HEIGHT. The maximum riser height shall be 7 ³/₄ inches. The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch.

R311.5.3.2 TREAD DEPTH. The minimum tread depth shall be 10 inches. The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch.

R311.5.3.3 Profile

The radius of curvature at the leading edge of the tread shall be no greater than 9/16 inch. A nosing not less than ³/₄ inch but not more than 1 ¹/₄ inch shall be provided on stairways with solid risers. The greatest nosing projection shall not exceed the smallest nosing projection by more than 3/8 inch between two stories, including the nosing at the level of floors and landings. Beveling of nosing shall not exceed 1/2 inch. Risers shall be vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 30 degrees from the vertical. Open risers are permitted, provided that the opening between the treads does not permit passage of a 4 inch diameter sphere.

R311.5.5. Stairway Walking Surface

The walking surface of treads and landings of stairways shall be sloped no steeper than one vertical unit in 48 inches horizontal (2 percent slope).

R311.5.6 Handrails

Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers.

R311.5.6.1 HEIGHT. Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall not be less than 34 inches and not more than 38 inches.

R311.5.6.2 CONTINUITY. Handrails for stairways shall be continuous for the full length of the flight, from a point directly above the top riser of the flight to a point directly above lowest riser of the flight. Handrail ends shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a wall shall have a space of not less than 1 1/2 inch between the wall and the handrails.

R311.5.6.3 Handrail grip size

Handrails shall have either a circular cross section with a diameter of 1 1/4 inches to 2 inches, or a non-circular cross section with a perimeter dimension of at least four inches but not more than 6 1/4 inches and a largest cross section dimension not exceeding 2 1/4 inches. Edges shall have a minimum radius of 0.01 inches.

R312.1 Guards Required

Porches, balconies or raised floor surfaces located more than 30 inches above the floor or grade below shall have guards not less than 36 inches in height. Open sides of stairs with a total rise of more than 30 inches above the floor or grade below shall have guards not less than 34 inches in height measured vertically from the nosing of the treads. Porches and decks enclosed with insect screening shall be provided with guards where the walking surface is located more than 30 inches above the floor or grade below.

R312.2 Guard Opening Limitations

Required guards on open sides of stairways, raised floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not allow passage of an object 4 inches or more in diameter. EXCEPTION (*The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway are permitted to be of such a size that a sphere inches in diameter cannot pass through*).