



COMMUNITY BUILDING SERVICES

BUILDING PERMIT APPLICATION <i>(Commercial & Residential)</i>	Bldg. Permit No. _____
Project Jurisdiction: <input type="checkbox"/> DeWitt Charter Township <input type="checkbox"/> City of DeWitt <input type="checkbox"/> City of Grand Ledge	Utility Permit No. _____

Description of Project: _____

Job Address: _____

Property Owner: _____

Name	Address	Phone
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Occupant (if different): _____

Market Value of Project (must include labor, material & profit): _____

Work will be completed by: Owner Occupant Licensed Contractor (see below)

CONTRACTOR INFORMATION:

Business / Organization: _____

Contractor: _____ Office No.: _____

Cell No.: _____ Fax No.: _____

Address: _____ City, State, Zip: _____

Email: _____ State License No.: _____ Exp. Date: _____

Federal ID No. (**DO NOT USE SOCIAL SECURITY NO.**): _____

Workers Comp Ins. (or reason for exemption): _____

MESC Employer No. (or reason for exemption): _____

ARCHITECT/ENGINEER:

Name: _____ Contact No.: _____

Address: _____ City, State, Zip: _____

Email: _____ State License No.: _____ Exp. Date: _____

SEWER CONTRACTOR INFORMATION (if applicable):

Name: _____ Phone No.: _____

Address: _____

APPLICANT ACKNOWLEDGEMENT:

“Section 23a of the state construction code act of 1972, Act No. 230 of the Public Acts of 1972, being section 125.1523a of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.”

_____	_____	_____
Print	Signature	Date

BUILDING DEPARTMENT USE ONLY

_____	_____	_____
Permit Fee	Signature	Date

*The following **MUST** be submitted with an application for building permit, as applicable to appropriate jurisdiction:*

- Building Permit Application and Project Specification Sheet.
- Drawings - 2 sets for residential, 3 sets for commercial - 2 hard copies, 1 digital (must be sealed for commercial projects of any size) *or* Specification Sheet (i.e. deck, pole barn) filled out as applicable.
- 2 copies of site plan (drawn to scale showing lot dimensions, size & location of proposed & existing structures with distances from property lines, all public & private easements and the location of the water meter for new homes).
- Inspection Requirements & Miss Dig Notice signed by applicant.
- Energy Code Worksheet - go to www.energycodes.gov/rescheck to complete an online calculation form.
- Sewer Contractor Information. Liability requirements:
 - Permit Bond for \$10,000
 - Personal liability insurance coverage for \$1 million
 - Property damage insurance coverage for \$1 million
 - Aggregate insurance coverage for \$2 million
- Drive permit from the appropriate jurisdiction, unless the road is private.
- Copies of well & septic permit, if necessary and/or applicable.
- Soil erosion permit or exemption/waiver from appropriate jurisdiction.
- Site address from Zoning/Assessing/Equalization, as applicable, if lot is not in a platted subdivision.
- Proof of ownership (i.e. Recorded Warranty Deed or Land Contract, Property Transfer Affidavit or written permission from land owner of record authorizing construction on the site).

DESIGNATED INSPECTION LINE: 517-277-0700



414 E. MAIN STREET
DEWITT, MICHIGAN 48820

INSPECTION REQUIREMENTS & MISS DIG NOTICE

CITY OF DEWITT
INSPECTION LINE: (517) 668-0278
DIRECT NUMBER: (517) 669-2441
FAX NUMBER: (517) 669-8211
www.dewittmi.org

Please be advised of the following regulations regarding building permits:

1. To receive an inspection within 48 hours, this office requires a 24 hour notice.
2. All inspections must be called for by Address or Permit Number.
3. The applicant or applicant's agent will be held responsible for calling for the required inspections as indicated on the application form.
4. Mandatory Storm Sewer Connection: According to Section 66-311 of the City of DeWitt Code, all houses, buildings or properties located within the City adjoining any street, easement or right of way in which there is located a public storm sewer main shall be required to connect directly to the public sewer main.
5. It is a violation of the Michigan Building Code and the City of DeWitt's Zoning Ordinance to occupy any structure without a Certificate of Occupancy.
6. Pursuant to Act 53 of 1974, you are responsible to provide notice to all affected parties as to any excavations which could potentially endanger any underground utility facilities. Said notice is required to be given not less than three full business days (72 hours), excluding Saturdays, Sundays and holidays, before beginning any work. Please contact "Miss Dig" at 811 or www.missdig.net.

This certifies that I have read and understand the above:

Signature: _____ Date: _____



BUILDING DEPARTMENT
414 E. MAIN STREET
DEWITT, MICHIGAN 48820

RESIDENTIAL DECK SPECIFICATIONS
 OFFICE PH: (517) 669-2441 FAX: (517) 669-8211
 INSPECTION LINE: (517) 668-0278
 EMAIL: building@dewittwp.org

Deck Size: _____ ft. x _____ ft.

Deck Floor Material: _____

Floor Joist Size: _____ in. x _____ in.

Floor Joist Spacing: _____ inches on center

Floor Joist Clear Span: _____ ft. _____ in.

Floor Joist Cantilever: _____ ft. x _____ in.

Double Carrier / Beam Size: _____ in. x _____ in.

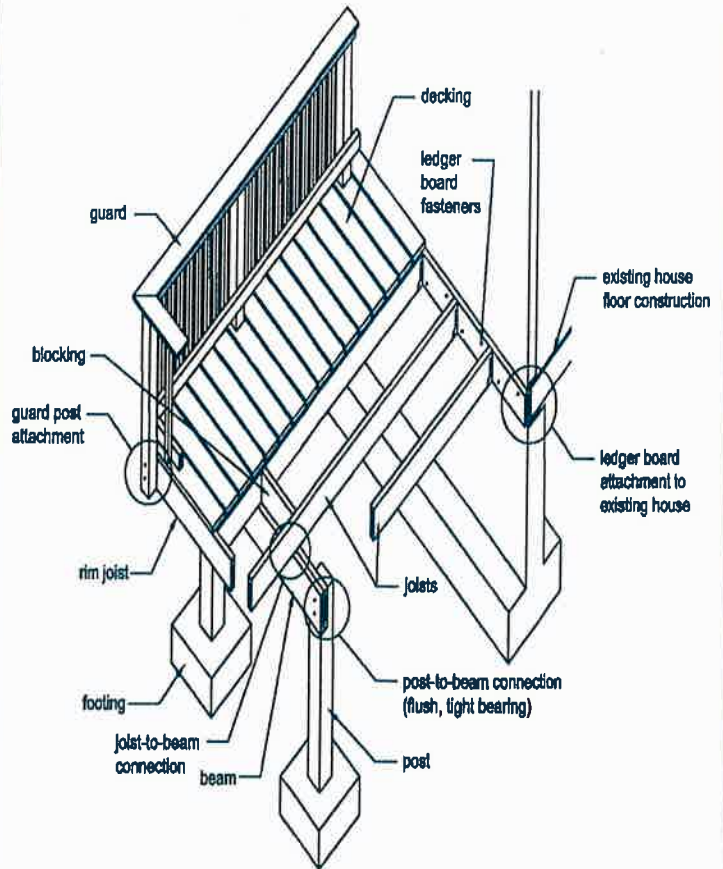
Treated Poles Size: _____ in. x _____ in.

Post Spacing: _____ ft. _____ in.

Footings Depth Below Grade: _____ in.

Footings: Width _____ in. Height _____ in.

Is the deck attached to the house? YES / NO



Some requirements of the 2015 Michigan Residential Code Chapter 5, Section R507

Guards

- Are required if the floor and stairs measures more than 30 inches above grade.
- Shall have a minimum height of 36 inches for floors and 34 inches for stairs off the nose of the tread.
- Shall be constructed so a 4-inch sphere cannot pass through.

Stairway

- Shall be a minimum of 36 inches in width.
- Shall have a maximum riser height of 8¼ inches and a minimum tread depth of 9 inches.

Handrails

- Are required on 4 or more risers.
- Shall have a minimum height of 34 inches and a maximum height of 38 inches measured vertically off the nose of the tread.
- Shall be continuous for the full length of the stairway and ends shall be returned to wall or post.
- Type I handrails shall be graspable measuring at least 1¼ inches and not greater than 2 inches in diameter unless the perimeter of a noncircular handrail is less than 6¼ inches, then it is allowed to be 2¼ inches in width.
- Type II handrails with a perimeter greater than 6¼ inches shall provide a graspable finger recess area on both sides of the profile that meets code requirements. The width of the handrail shall be no less than 1 ¼" and not more than 2 ¾".

Spans

- Joist spacing & spans and beam spans shall meet the requirements of Tables R507.4, R507.5 and R507.6 (min. 1 ½" bearing)

Lateral load connection

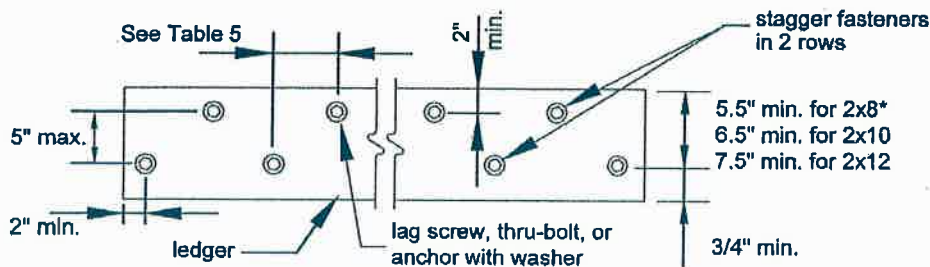
- Two hold down tension devices (1500 pond design load each) shall be installed in not less than two locations per deck.

Joist Spacing (O.C.)

Species	Size	Allowable Span		
		12"	16"	24"
Southern Pine	2x6	9'-11"	9'-0"	7'-7"
	2x8	13'-1"	11'-10"	9'-8"
	2x10	16'-2"	14'-0"	11'-5"
	2x12	18'-0" ⁷	16'-6"	13'-6"
Douglas Fir-Larch, Hem-Fir, Spruce- Pine-fire	2x6	9'-6"	8'-4"	6'-10"
	2x8	12'-6"	11'-1"	9'-1"
	2x10	15'-8"	13'-7"	11'-1"
	2x12	18'-0"	15'-9"	12'-10"
Redwood, Western Cedars, Ponderosa Pine, Red Pine	2x6	8'-10"	8'-0"	6'-10"
	2x8	11'-8"	10'-7"	8'-8"
	2x10	14'-11"	13'-0"	10'-7"
	2x12	17'-5"	15'-1"	12'-4"

Post Size	Maximum Height
4x4	8'-0"
4x6	8'-0"
6x6	14'-0"

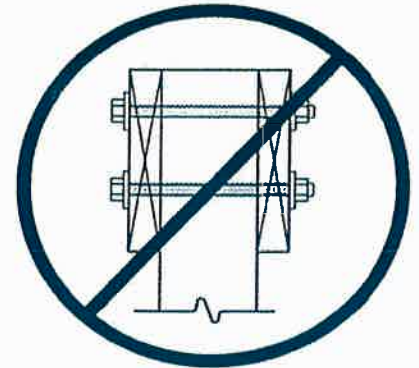
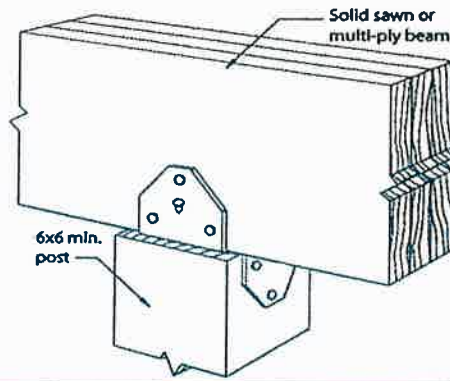
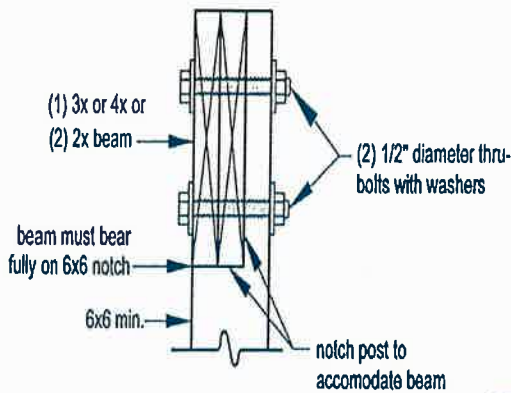
Ledger Fastener Spacing and Clearances



See Table 5.

*Distance can be reduced to 4.5" if lag screws are used or bolt spacing is reduced to that of lag screws to attach 2x8 ledgers to 2x8 band joists (1/2" stacked washers not permitted)

Deck Beam & Floor Joist Spans, Ledger Fastener Spacing and Handrail Detail



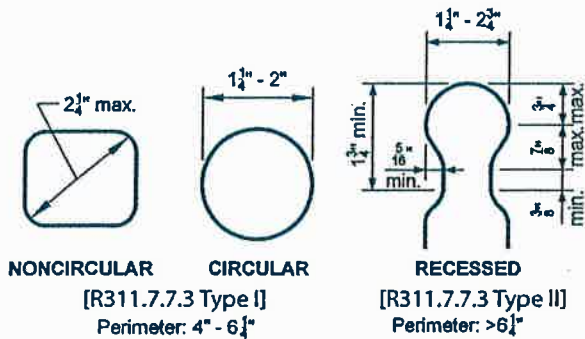
Approved Deck Post Cap

Deck Beam Span Length

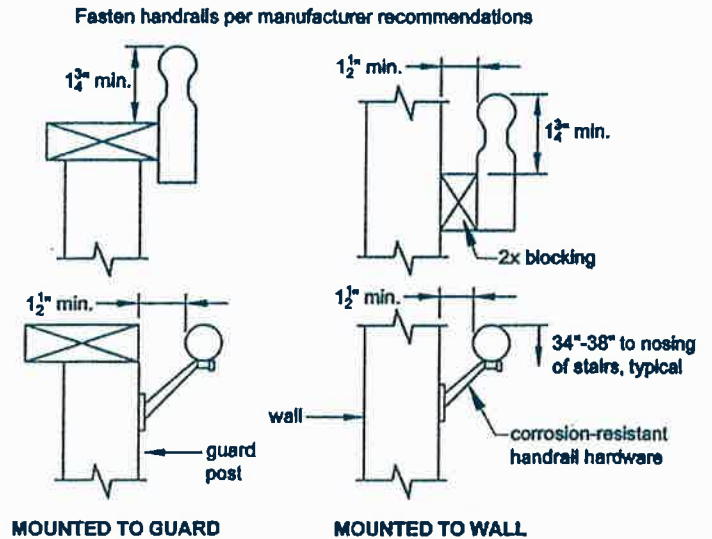
Species	Size	Deck Joist Span less than or equal to						
		6'	8'	10'	12'	14'	16'	18'
Southern Pine	2-2x6	6'-11"	5'-11"	5'-4"	4'-10"	4'-6"	4'-3"	4'-0"
	2-2x8	8'-9"	7'-7"	6'-9"	6'-2"	5'-9"	5'-4"	5'-0"
	2-2x10	10'-4"	9'-0"	8'-0"	7'-4"	6'-9"	6'-4"	6'-0"
	2-2x12	12'-2"	10'-7"	9'-5"	8'-7"	8'-0"	7'-6"	7'-0"
	3-2x6	8'-2"	7'-5"	6'-8"	6'-1"	5'-8"	5'-3"	5'-0"
	3-2x8	10'-10"	9'-6"	8'-6"	7'-9"	7'-2"	6'-8"	6'-4"
	3-2x10	13'-0"	11'-3"	10'-0"	9'-2"	8'-6"	7'-11"	7'-6"
	3-2x12	15'-3"	13'-3"	11'-10"	10'-9"	10'-0"	9'-4"	8'-10"
Douglas Fir- Larch, Hem-Fir, Spruce-Pine-Fir, Redwood, Western Cedars, Ponderosa Pine, Red Pine	3x6 or 2-2x6	5'-5"	4'-8"	4'-2"	3'-10"	3'-6"	3'-1"	2'-9"
	3x8 or 2-2x8	6'-10"	5'-11"	5'-4"	4'-10"	4'-6"	4'-1"	3'-8"
	3x10 or 2-2x10	8'-4"	7'-3"	6'-6"	5'-11"	5'-6"	5'-1"	4'-8"
	3x12 or 2-2x12	9'-8"	8'-5"	7'-6"	6'-10"	6'-4"	5'-11"	5'-7"
	4x6	6'-5"	5'-6"	4'-11"	4'-6"	4'-2"	3'-11"	3'-8"
	4x8	8'-5"	7'-3"	6'-6"	5'-11"	5'-6"	5'-2"	4'-10"
	4x10	9'-11"	8'-7"	7'-8"	7'-0"	6'-6"	6'-1"	5'-8"
	4x12	11'-5"	9'-11"	8'-10"	8'-1"	7'-6"	7'-0"	6'-7"
	3-2x6	7'-4"	6'-8"	6'-0"	5'-6"	5'-1"	4'-9"	4'-6"
	3-2x8	9'-8"	8'-6"	7'-7"	6'-11"	6'-5"	6'-0"	5'-8"
	3-2x10	12'-0"	10'-5"	9'-4"	8'-6"	7'-10"	7'-4"	6'-11"
	3-2x12	13'-11"	12'-1"	10'-9"	9'-10"	9'-1"	8'-6"	8'-1"

Table 5

Connection Details	Rim Board or Band Joist	Joist Span						
		6'-0" and less	6'-1" to 8'-0"	8'-1" to 10'-0"	10'-1" to 12'-0"	12'-1" to 14'-0"	14'-1" to 16'-0"	16'-1" to 18'-0"
		On-Center Spacing of Fasteners						
$\frac{1}{2}$ " diameter lag screw ¹ with $\frac{15}{32}$ " maximum sheathing	1" EWP	24"	18"	14"	12"	10"	9"	8"
	1- $\frac{1}{8}$ " EWP	28"	21"	16"	14"	12"	10"	9"
	1- $\frac{1}{2}$ " Lumber	30"	23"	18"	15"	13"	11"	10"
$\frac{1}{2}$ " diameter bolt with $\frac{15}{32}$ " maximum sheathing	1" EWP	24"	18"	14"	12"	10'	9"	8"
	1- $\frac{1}{8}$ " EWP	28"	21"	16"	14"	12"	10"	9"
	1- $\frac{1}{2}$ " Lumber	36"	36"	34"	29"	24"	21"	19"
$\frac{1}{2}$ " diameter bolt with $\frac{15}{32}$ " maximum sheathing and $\frac{1}{2}$ " stacked washers ^{2,7}	1- $\frac{1}{2}$ " Lumber	36"	36"	29"	24"	21"	18"	16"



Handrail Grip Size



Handrail Mounting Examples

This plot/site plan form, when used, must show and specify the following:

- 1) Location of proposed construction on the property and all existing structures.
- 2) Setback dimensions of all structures from property line and road rights of way; front, side and rear. The distance between structures and overhead utility line locations should also be shown.
- 3) Easements that prevail, survey pin or monument locations and drainage flows (indicate by directional arrows).
- 4) Underground utility service locations (i.e. sewer, water, gas & electric). “Miss Dig” is required to be notified prior to any excavations and will locate utilities by calling toll free 1-800-482-7171.
- 5) Existing and proposed building uses.
- 6) Roads must be labeled and the direction of true north should be indicated on the plan.



414 W. MAIN STREET
DEWITT, MICHIGAN 48820

*** SITE AND/OR PLOT PLAN FORM ***

CITY OF DEWITT BUILDING PERMIT

INSPECTION LINE: (517) 668-0278

DIRECT NUMBER: (517) 668-2441 FAX NUMBER: (517) 669-8211



In the circle to the left indicate where north is in relation to the site plan drawing below.

Applicant/owner: _____ Date: _____

Address: _____
 Number & Street City Zip Code

Lot Number: _____ Subdivision: _____ Unplatted parcel

Buildings will be used for: _____

Large grid area for drawing the site plan.

I certify that the construction proposed will conform to the use dimensions shown and that no changes will be made without first obtaining approval of the DeWitt Township Building Department.

Applicant/Owner: _____ (Please Print) _____ (Signature) Date: _____

Approved by: _____ (Building Department Official) Date: _____