



Macomb Township

Building Department

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Wood Deck Requirements

APPLICATION FOR WOOD DECK PERMIT REQUIREMENTS:

1. Application to be filled out completely and signed. Copy of builder's license (if builder is applying for the permit) and a copy of driver's license.
2. Submit two (2) plot plans indicating size, shape and distance from the property lines and easements. (see sample plot plan)
3. Submit two (2) set of construction drawings that include a framing drawing, section drawing and stair details. Included should be the beam spans, joist spans and footing/post sizes.

Note: Separate approval may be required if you are part of a condo or homeowners association.

INSPECTIONS REQUIRED: (Please have the approved plans on site when calling for inspections)

- Post Hole Inspection - The inspector will verify that the depth and size of the post hole conforms with the plans. Verification of solid, undisturbed soil at the bottom of the hole will take place. If a ledger board is being used, it shall be installed for the post hole inspection for verification of compliance with the code. Access to the inside of the dwelling may be required for this inspection.
- Framing Inspection - For decks that are close to the ground or have special framing considerations, an inspection is required before the deck boards are installed.
- Final Inspection - The deck should be completed including installation of all guards, handrails and steps. Construction debris should be removed from the site before scheduling the final inspection.

SETBACKS - Macomb Township Ordinance requires decks to be set back from property lines as follows:

- 20 feet from rear lot line
- 7.5 feet from side lot line
- Cannot be built in any easement or required side yard

FRAMING MATERIAL - All wood in contact with the ground shall be approved pressure treated wood suitable for ground contact. All other wood not in contact with the ground shall be approved pressure treated, or naturally durable wood, such as; redwood, cedar or other approved material.

FRAMING FASTENERS - All nails, bolts, brackets and fasteners shall be of zinc, zinc coated or other approved corrosion—resistive materials.

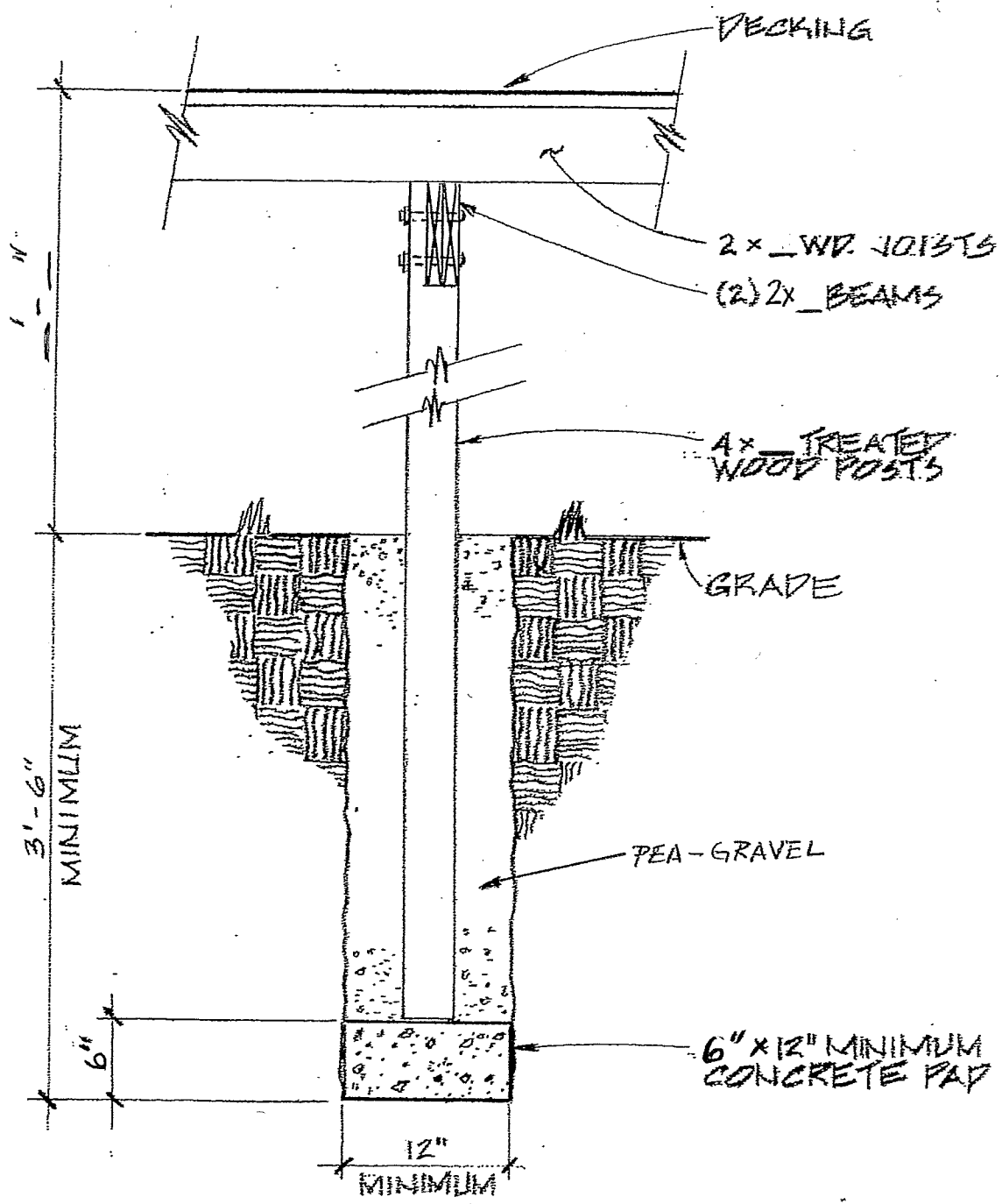
HANDRAILS - Graspable handrails are required on stairs with 4 or more risers (3 steps or more). Handrails are to be not less than 34" nor more than 38" measured from vertical from the nosing of threads.

GUARDRAILS - Guardrails are required on decks with floors 30" or more above grade. Guardrails are to be a minimum of 36" above finish floor with intermediate rails or ornamental closures which will not allow passage of an object 4" more in diameter.

STEPS - 8 ¼" maximum rise on steps and 9" minimum run on treads

NOTE: 6 Mil visqueen and pea stone required below deck

04/01/2018



POST DETAIL

SCALE: 1" = 0'