

# RESIDENTIAL WOOD FOUNDATION REQUIREMENTS



## Clare County Building Development

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*"Our goal is to provide a safer place to live, work and play"*

The following information must be submitted when applying for a permit to construct a wood foundation. Please use this list as a check sheet to review your application.

ATTACHED

- 1. A certificate of design signed by the person designing the wood foundation system. The certificate is furnished by this office.
- 2. A set of plans signed by the designer. The following information must be shown on the plans.

### A. A plan view of the wood foundation must show the following information:

SHOWN  
ON PLANS

NOT  
APPLICABLE

- 1. Wall locations
- 2. Shear walls
- 3. Height of backfill on each wall
- 4. Sump crock size and location
- 5. Column pad size and number of plies of plywood
- 6. Wall pad sizes (concentrated loads) and number of plies of plywood
- 7. Show details of additional framing required in walls to transfer concentrated loads to pads.
- 8. Floor joist blocking for end walls
- 9. Interior corner bolting (spacing and size of bolts )
- 10. Header sizes and number used in openings for door, windows, and other openings
- 11. Step footing locations and wall details
- 12. Type and size of beams that support floor joists and the number of support studs in the wall
- 13. Brick ledge and knee wall details
- 14. Stair opening details for stairways located on outside walls

SHOWN  
ON PLANS

NOT  
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### B. Wall Sections

- 1. Stud size, spacing, specs and grade
- 2. Plywood thickness and direction of installation (vertical or horizontal)
- 3. Type of floor joists, size & details of how they will be attached to the foundation walls (hangers, straps, etc.)
- 4. Footing plate size and details (plywood attachments, etc.)
- 5. Stone or concrete footing sizes
- 6. Grade board location and size
- 7. Polyethylene wall covering (show details of lap joints, etc.)
- 8. Type of backfill material (include approximate width and height)
- 9. Specify types of nailing patterns and nail sizes for framing and plywood attachments