

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

- | SHOWN ON PLANS           | NOT APPLICABLE           |  |
|--------------------------|--------------------------|--|
|                          |                          | <b>B. Wall Sections</b>  |
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Stud size, spacing, specs and grade   |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Plywood thickness and direction of installation (vertical or horizontal)  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Type of floor joists, size & details of how they will be attached to the foundation walls (hangers, straps, etc.) |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Footing plate size and details (plywood attachments, etc.)  |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Stone or concrete footing sizes   |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Grade board location and size   |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Polyethylene wall covering (show details of lap joints, etc.)   |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Type of backfill material (include approximate width and height)  |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Specify types of nailing patterns and nail sizes for framing and plywood attachments                              |