

SPECIAL INSPECTOR REPORT

SEISMIC RESISTANCE – STRUCTURAL WOOD

Instructions

Sections 1704 and Section 1707 of the Los Angeles County Building Code require that certain elements of wood systems of the Seismic-Force-Resistance system must have Special Inspection. Currently there are no certifications for Wood Special Inspection. Until certifications for that discipline are developed, and a viable roster established, Los Angeles County has instituted an interim policy.

These inspections will not be required for projects exempted from Structural Observation by Section 1709.2, item 3. - *[One-story wood framed Group R-3 and Group U Occupancies less than 2000 square feet, provided the adjacent grade is not steeper than 1 unit vertical in 10 units horizontal (10% sloped), and assigned to Seismic Design Category D]* - Special Inspection, however, is in addition to, and may not be substituted for, the Structural Observation requirements of Section 1709. The report must be signed by the Design Professional of Record, or a Principle of a Certified, Recognized Inspection or Testing Firm. In either case, the Design Professional or Firm may assign a designee to perform the needed inspections.

The components of the structure that must be covered by Special Inspection are shown on the attached report form.

All of these components may not be present in all structures. Elements of those components are listed below. The inspection report will certify that the guidelines and standards, as applicable to those elements and this project, have been complied with, or such deficiencies noted in the report.

Uncorrected deficiencies in the construction must also be brought to the attention of the registered design professional and the County of Los Angeles Building Official.

- **Size and Location of shear walls and diaphragms (height / length / width)**
- **Bolts and Washers - Number and Size – Hole size – Tightening**
- **Connectors - Number and Type of Screws [fasteners]**
- **Fasteners do not break skin of structural panels**
- **Size of framing members**
- **Connections to Roof**
- **Diameter and length of nails/fasteners**
- **Nailing Schedule**
- **Grade and Thickness of Structural Panels**
- **Use of common nails for shear walls and diaphragms**
- **Fastener lines – Number of lines, spacing and edge distance**
- **Size and location of drag struts [type and number of drag trusses]**
- **Fasteners - penetration and location on framing members**
- **Connections to Sill Plate**
- **Anchor Bolts – size and spacing**
- **Connectors – Type, size and location**



**LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY DIVISION**

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PROGRESS REPORT

FINAL REPORT

BUILDING PERMIT NO. _____ DISTRICT OFFICE _____

JOB ADDRESS _____ CITY _____

OWNER _____ GENERAL CONTRACTOR _____

This report includes all construction work related to the wood seismic force resisting systems in the structure. Special Inspection is required for nailing, bolting, anchoring and other fastening of the components to insure, by inspection, that they conform to the Codes, plans, and Standards. Indicate in the spaces below which components are covered in this report, including location, if necessary:

Wood Shear Walls	Wood Diaphragms
Drag Struts	Connectors
Hold Downs	Straps
Anchor Bolts	Other

I have inspected the specific components of the wood seismic force resisting system shown above, and all work complies with the approved plans and requirements of the Los Angeles County Building Code, unless noted below:

REMARKS _____

Inspector

Date

Print Name

Daytime / Cell Phone Number

I DECLARE THAT THE FOLLOWING STATEMENT(S) ARE TRUE TO THE BEST OF MY KNOWLEDGE:

- I AM THE ENGINEER OR ARCHITECT OF RECORD FOR THE DESIGN OF THE ABOVE STRUCTURE, AND I OR MY DESIGNEE INDICATED ABOVE HAVE PERFORMED THE WOOD SPECIAL INSPECTION REQUIRED IN ACCORDANCE WITH SECTIONS 1704.6 AND 1707 OF THE LOS ANGELES COUNTY BUILDING CODE.
- I AM AN AUTHORIZED SIGNATORY FOR (*firm name*) _____, AN ACCREDITED AGENCY, AND THAT I OR MY DESIGNEE INDICATED ABOVE HAVE PERFORMED THE WOOD SPECIAL INSPECTION REQUIRED IN ACCORDANCE WITH SECTIONS 1704.6 AND 1707 OF THE LOS ANGELES COUNTY BUILDING CODE.

Signature

Date

Print Name

License or Firm I.D. Number