

2016 CALIFORNIA BUILDING STANDARDS CODE OF REGULATIONS TITLE 24

SHEAR / ROOF SHEATHING INSPECTION CHECKLIST

PERMIT: _____ ADDRESS: _____

The following items are to be reviewed for completion by the contractor/owner prior to scheduling an inspection. Each item is to be checked as “OK” or “N/A”. The person reviewing these items will need to sign and date this form. Present the completed form to the Building Inspector prior to commencing the inspection.

WARNING: Failure to complete this form may delay the inspection and necessitate a reinspection fee. Prior to this inspection, all required sequential inspections and correction notices must be completed.

This is not an all-inclusive list and additional items may be required as determined during the inspection.

THIS INSPECTION CANNOT BE PHASED: At time of this inspection all work shall be completed

Exception: Structures that require structural observation shall be allowed two inspections. One inspection for the roof sheathing and one inspection for the shear walls.

PARTIAL AND PHASED INSPECTIONS: Partial and phased inspections identified during the inspection process will require additional inspection fees per Building Department Fee Schedule.

SHEAR / ROOF SHEATHING (300Combo)

- | | OK | N/A | |
|-----|--------------------------|--------------------------|--|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | Address to be posted, visible from road. CRC §R319 |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | Toilet facilities are on-site. CPC §422.5 |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | Animals are restrained. PCC §6.08.010 |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | Construction site is safe for inspection. Boards with nails and excessive debris removed. |
| 5. | <input type="checkbox"/> | <input type="checkbox"/> | Ladder on-site for access to roof. |
| 6. | <input type="checkbox"/> | <input type="checkbox"/> | Best Management Practices (BMP) are in place for storm water control. |
| 7. | <input type="checkbox"/> | <input type="checkbox"/> | Approved plans and permit card are on the job-site. CRC §R106.3.1, R105.7 & R109.3 |
| 8. | <input type="checkbox"/> | <input type="checkbox"/> | Engineer’s structural observation report is on-site or observer has signed and dated stamp on plans if applicable. Refer to plans. CBC §1704 |
| 9. | <input type="checkbox"/> | <input type="checkbox"/> | All Special Inspection field reports, such as shop and field welding, installation of epoxy and expansion anchors, etc. shall be onsite at time of inspection. CBC §1704 |
| 10. | <input type="checkbox"/> | <input type="checkbox"/> | Any deviations from the approved plans shall be reviewed by the registered design professional and a revised detail and/or letter is on-site. |
| 11. | <input type="checkbox"/> | <input type="checkbox"/> | Sheathing materials shall be per plan. Example: if plans call for plywood, OSB may not be used, except when approved by the registered design professional. |
| 12. | <input type="checkbox"/> | <input type="checkbox"/> | Nails, plate washers and hangers in contact with pressure-treated wood are galvanized.
CRC §R317.3 |

13. Shear wall (exterior and interior) has been completed and nailed per the approved plans. **The nailing schedule shall be painted on each shear wall section.**
14. Roof sheathing has been completed and nailed per the approved plans. **Drag lines are painted on the roof sheathing.**
15. Complete all shear walls and transfers per details.
16. Electrical panels installed in a shear wall shall be detailed on the plans or registered design professional shall provide a detail at time of inspection.
17. Verify that all anchor bolts and hold-downs are sized and spaced per shear wall schedule.
18. Minimum 2 anchor bolts/straps per piece of sill plate. CRC §R403.1.6
19. 3"x 3" square washers are installed with anchor bolts. CRC §R602.11
20. Anchor bolts require a minimum 4" distance from end of sill, Max 12" from end of sill CRC §R403.1.6
21. Sill plate and framing sizes at shear walls are per the shear wall schedule. CRC Chapter 6
22. Double stud hold-down posts are stitch nailed per approved plan/engineering.
23. All hardware (straps, clips, etc.) is installed per the approved plans. All required nail holes are filled.
24. Sheathing to be nailed between $\frac{3}{8}$ " and $\frac{3}{4}$ " from joint edges.
25. Sheathing edges, for walls, occur over framing.
26. Nail heads or staple crowns do not break the sheathing skin.
27. All "shiners" have been removed and re-nailed.
28. Both edges of lapped panel siding (T1-11) are nailed.
29. Paper window flashing and/or trim has not been installed. All nailing is to be visible for inspection.
30. Sole plate nailing has been completed, per the approved plan.
31. Hold-down post locations are painted on the wall sheathing.
32. Spalling of 1"- 4" at hold-downs is addressed by the engineer.
33. Drag trusses are installed per the approved plan. Verify attachment requirements & nailing.
34. Review energy documents and plans for insulation details for roof deck insulation. (Some roofs may require above roof deck insulation)

I have personally reviewed all items on this list for completion prior to scheduling the inspection.

Signed _____

Date _____

Print Name _____