



**FLOOR JOIST / UNDERFLOOR INSPECTION**  
**BASED ON THE 2010 CALIFORNIA RESIDENTIAL CODE**

PERMIT: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

The following items are to be reviewed for completion by the contractor/owner prior to scheduling an inspection. *Approval of this inspection shall be required prior to the floor sheathing installation.* 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 will 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

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

**FLOOR JOIST / UNDERFLOOR (200 Combo)**

- | 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 §412.6  |
| 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. Ladders and scaffold properly secured. |
| 5.  | <input type="checkbox"/> | <input type="checkbox"/> Best Management Practices (BMP) are in place for stormwater control.   |
| 6.  | <input type="checkbox"/> | <input type="checkbox"/> Approved plans and permit card are on the job-site. CRC §R106.3.1 & R105.7   |
| 7.  | <input type="checkbox"/> | <input type="checkbox"/> Engineer’s structural observation report is on-site, if applicable. Refer to plans. CBC §1710                                    |
| 8.  | <input type="checkbox"/> | <input type="checkbox"/> Nails, anchor bolts and washers in contact with pressure-treated wood are galvanized. CRC §R317.3                                |
| 9.  | <input type="checkbox"/> | <input type="checkbox"/> The top of the stem wall which supports wood sheathing is at least 8” above finished grade. CRC §R317.1                          |
| 10. | <input type="checkbox"/> | <input type="checkbox"/> Joists and girders are installed per the approved plans. CRC §R407   |
| 11. | <input type="checkbox"/> | <input type="checkbox"/> Joists have at least 18” clearance to exposed ground and girders have at least 12” clearance. CRC §R317.1                        |

FLOOR JOIST / UNDERFLOOR

- 12.   Joist hangers are used at head-outs. CRC §R502.6
- 13.   Untreated posts are at least 8" above exposed ground. CRC §R317
- 14.   A positive connection (post cap or gusset) between the post and girder is provided. CRC §R502.9
- 15.   Sill plates are pressure-treated wood and the size specified on the approved plans. CRC §R317.1
- 16.   Anchor bolts are installed per the approved plans. Retrofit anchor bolts are installed where needed. An anchor bolt is installed between 4" and 12" from plates ends. CRC §R403.1.6
- 17.   3"x3" square washers are installed with anchor bolts. CRC §R602.11.1
- 18.   Hold-down bolts are extended through floor framing.
- 19.   Crush blocks are installed at hold-down framing locations. (Truss Mfg.)  
Vertical loads are blocked through floor when required by Engineer.  
Follow manufacturer's guide lines for I joist; blocking, web stiffeners, crush blocks, hangers, cutting, and notching, etc. CRC §R502
- 20.   Shear walls are completed below floor framing.
- 21.   All metal hardware specified on the approved plans is installed.
- 22.   Joists are nailed to beams and plates. CRC Table 602.3 (1)
- 23.   Rim joists are toe-nailed to plates. CRC Table 602.3 (1)
- 24.   Underfloor ventilation is provided. Insulation baffles are installed as needed. CRC §408
- 25.   An 18"x24" underfloor access is provided. CRC §R408.4
- 26.   Waste and water piping systems completed and on test. CPC §712/609.4
- 27.   Plumbing cleanouts are extended to outside the building, above the floor or within 20' of an underfloor access. CPC §707.10
- 28.   Gas pipe installed and tested. CPC §1201 Note: Test inspected at drywall.
- 29.   Grading, vents and drain are provided for LPG appliances underfloor. Refer to County handout; *Propane Appliance*.
- 30.   All piping systems are adequately supported. CPC §314
- 31.   Ducting is installed. CMC §601  
Supported every 4' with 1½" straps. CMC §604.5  
Has 4" clearance to ground. CMC §604.3  
Allows for 18" underfloor access throughout. CMC §604.1  
Radius of bends do not exceed the duct diameter. Per duct manufacture specs.

**FLOOR JOIST / UNDERFLOOR**

- 32.   HVAC cans are blocked on all sides. CRC §R502.10
- 33.   HVAC cans are insulated. CMC §604
- 34.   Underfloor furnace, if applicable:  
Is suspended or mounted above exposed ground. CMC §932.3 / 932.4  
Has 30"x30" access and passageway, within 20'. CMC §932.2  
A switched light and GFCI receptacle are provided. CMC §932.5
- 35.   Requirements for underfloor propane appliances are in place.  
Refer to the Placer County *Propane Appliance* handout.
- 36.   In areas at and above 5,000 ft. elevation the water supply piping is equipped with a readily accessible shut off valve. Valves and/or drain ports are protected from freezing and backflow potential. Hot and cold water supply piping is installed for winterization, freeze protection and routine drain down. P.C. Ord. 15.04.420.3

**UNDER FLOOR INSULATION IS A SEPARATE INSPECTION (212)**

- 37.   Floor insulation R-value matches the CF-1R form shall be verified prior to floor sheathing.  
*Exception to this inspection will allow a HERS rater to verify the underfloor insulation that have an undfloor space of less than 6' headroom throughout and complete the CF-6R-ENVELOPE-HERS FORMS will be acceptable. These forms shall be returned to the County inspector upon final completion of the project.*

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

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name