

Inspection Procedures- Exposing Concealed Construction

After permit issuance, a City of Santa Cruz building inspector will determine inspection requirements at the time of the first inspection. The applicant may schedule the first inspection at the counter when picking up the permit. It should be noted that the list and items found below are a guideline; there may be items that are not identified that can only be verified or investigated once a permit is issued.

Foundation

| | |
|---|---|
| 1 | Drill minimum of (2) holes, ¾" in diameter, through slab to verify slab thickness and material below slab. |
| 2 | Expose the foundation as directed by the building inspector, at minimum of (3) locations so that the footing depth and width can be determined. A minimum 2' X 2' inspection hole is required. |
| 3 | Provide written verification from an approved testing agency that the reinforcing steel has been installed according to the approved plans. Ultrasonic testing or R-meter scans are acceptable for this purpose |
| 4 | Expose the foundation anchor bolts at minimum of (3) locations as directed by the inspector. |
| 5 | Expose all lateral resisting (shear) hold-downs as shown on the approved plans. |
| | |

Framing

| | |
|----|---|
| 6 | Remove building finish/wall covering over shear paneling for fastener inspection. A minimum 2' X 2' section and not less than one area per wall line will need to be exposed. |
| 7 | Expose framing hardware and structural connectors as directed by the inspector. |
| 8 | Provide underfloor attic access. Areas must have adequate access, ventilation, and clearances. |
| 9 | All structural welding will require the approval of a licensed engineer or architect and must be inspected by a City-approved, certified welding inspector. |
| 10 | Provide a written verification by a California-licensed engineer or architect that the building is structurally sound. |

Electrical

| | |
|----|--|
| 11 | Submit a single line drawing of the entire electrical system. Show load calculations per National Electrical Code Article 220. All circuits must be identified at the main or sub-panel and at each switch or receptacle outlet. |
| 12 | Remove cover plates from electrical outlets, switches, panels, etc. Expose concealed wiring as directed by the inspector. |

Plumbing

| | |
|-----------|--|
| 13 | Interior gas piping must be exposed where requested and the entire gas piping system must be pressure-tested @ (10) psi for (15) minutes. |
| 14 | Exterior buried gas piping must be uncovered at each end and at (25) foot intervals, or as directed by the inspector, and air-tested @ (10) psi for (15) minutes. |
| 15 | Any new sewer drain line or sewage disposal system shall be exposed for inspection. |
| 16 | Expose drain/waste connection to the existing drainage system. If piping is under the concrete slab then the slab may be expected to be cut and under slab excavated to the point of connection. |
| 17 | Drain/waste/vent plumbing shall be exposed as directed by the inspector and the piping shall be air-tested at (5) psi for (15) minutes. |

Mechanical

| | |
|-----------|--|
| 18 | Make components of the mechanical system (heating and air conditioning) visible for inspection. Remove access panels if necessary and provide manufacturer's installation instructions. Expose vent piping within walls. |
| 19 | Provide installation instructions for the fireplace and expose required fire stops. |

Insulation

| | |
|-----------|--|
| 20 | Expose wall, ceiling, and floor insulation as required by the inspector. |
|-----------|--|

General

| | |
|-----------|---|
| 21 | Provide certification by a CA state-licensed specialty contractor of plumbing, electrical, and/or mechanical portions of the project. Certification shall identify the license number of the contractor responsible for doing necessary work and verify the project complies with codes in effect on the date of permit issuance. |
|-----------|---|