



SPECIAL INSPECTION AND STRUCTURAL OBSERVATION

A COPY OF THIS DOCUMENT SHALL BE KEPT WITH THE APPROVED STRUCTURAL DRAWING SET

NOTICE

SPECIAL INSPECTION REQUIREMENTS

Please note the Special Inspections shown on the approved plan and checked on the special inspections form issued with the permit are required for this project. The employment of special inspectors is the direct responsibility of the owner or the engineer/architect of record acting as the owner's representative.

These special inspections are required *in addition* to the called inspections performed by the Department of Building Inspection. The name of special inspector shall be furnished to district building inspector prior to start of work for which special inspection is required.

For questions regarding the details or extent of required inspection or tests, please call the Plan Checker assigned to this project or 415-558-6133. If there are any field problems regarding special inspection, please call your District Building Inspector or 415-558-6096.

Before final building inspection is scheduled, documentation of special inspection compliance must be submitted to and approved by the Plan Check Services Division. To avoid delays in this process, the project owner should request final compliance reports from the architect or engineer of record and/or special inspection agency soon after the conclusion of work requiring special inspection. **The permit will not be finalized without compliance with the special inspection requirements.**

STRUCTURAL OBSERVATION REQUIREMENTS

Structural observation shall be provided as required per Section 1704.6. **The building permit will not be finalized without compliance with the structural observation requirements.**

Special Inspection Services Contact Information

- 1. Telephone: (628) 652-3407
- 2. Email: dbi.specialinspections@sfgov.org
- 3. In person: 49 South Van Ness Ave - Suite 400

Note: We are moving towards a "paperless" mode of operation. All special inspection submittals, including final letters, may be emailed.

JOB ADDRESS _____ APPLICATION NO. _____ ADDENDUM NO. _____

OWNER NAME _____ OWNER PHONE NO. (_____) _____

Employment of Special Inspection is the direct responsibility of the OWNER, or the engineer/architect of record acting as the owner's representative. Special inspector shall be one of those as prescribed in Sec. 1704. Name of special inspector shall be furnished to DBI District Inspector prior to start of the work for which the Special Inspection is required. Structural observation shall be performed as provided by Section 1704.6. A preconstruction conference is recommended for owner/builder or designer/builder projects, complex and high-rise projects, and for projects utilizing new processes or materials.

In accordance with Chapter 17 (SFBC), Special Inspection and/or testing is required for the following work:

- | | | |
|---|--|--|
| 1. <input type="checkbox"/> Concrete (Placement & sampling) | 6. <input type="checkbox"/> High-strength bolting | 18. Bolts Installed in existing concrete or masonry: |
| 2. <input type="checkbox"/> Bolts installed in concrete | 7. <input type="checkbox"/> Structural masonry | <input type="checkbox"/> Concrete <input type="checkbox"/> Masonry |
| 3. <input type="checkbox"/> Special moment - Resisting concrete frame | 8. <input type="checkbox"/> Reinforced gypsum concrete | <input type="checkbox"/> Pull/torque tests per SFBC Sec. 507C & 515C |
| 4. <input type="checkbox"/> Reinforcing steel and prestressing tendons | 9. <input type="checkbox"/> Insulating concrete fill | 19. <input type="checkbox"/> Shear walls and floor systems used as shear diaphragms |
| 5. Structural welding: | 10. <input type="checkbox"/> Sprayed-on fireproofing | 20. <input type="checkbox"/> Holdowns |
| A. Periodic visual inspection | 11. <input type="checkbox"/> Piling, drilled piers and caissons | 21. Special cases: |
| <input type="checkbox"/> Single pass fillet welds 5/16" or smaller | 12. <input type="checkbox"/> Shotcrete | <input type="checkbox"/> Shoring |
| <input type="checkbox"/> Steel deck | 13. <input type="checkbox"/> Special grading, excavation and filling (Geo. Engineered) | <input type="checkbox"/> Underpinning: <input type="checkbox"/> Not affecting adjacent property |
| <input type="checkbox"/> Welded studs | 14. <input type="checkbox"/> Smoke-control system | <input type="checkbox"/> Affecting adjacent property: PA _____ |
| <input type="checkbox"/> Cold formed studs and joists | 15. <input type="checkbox"/> Demolition | <input type="checkbox"/> Others _____ |
| <input type="checkbox"/> Stair and railing systems | 16. <input type="checkbox"/> Exterior Facing | 22. <input type="checkbox"/> Crane safety (Apply to the operation of tower cranes on high-rise building) (Section 1705.22) |
| <input type="checkbox"/> Reinforcing steel | 17. Retrofit of unreinforced masonry buildings: | 23. <input type="checkbox"/> Others: "As recommended by professional of record" _____ |
| B. Continuous visual inspection and NDT | <input type="checkbox"/> Testing of mortar quality and shear tests | _____ |
| (Section 1704) | <input type="checkbox"/> Inspection of repointing operations | _____ |
| <input type="checkbox"/> All other welding | <input type="checkbox"/> Installation inspection of new shear bolts | _____ |
| (NDT exception: Fillet weld) | <input type="checkbox"/> Pre-installation inspection for embedded | _____ |
| <input type="checkbox"/> Reinforcing steel; and <input type="checkbox"/> NDT required | <input type="checkbox"/> Pull/torque tests per SFBC Sec.1607C & 1615C | _____ |
| <input type="checkbox"/> Moment-resisting frames | | |
| <input type="checkbox"/> Others _____ | | |
| 24. Structural observation per Sec. 1704.6 (SFBC) for the following: | <input type="checkbox"/> Foundations | <input type="checkbox"/> Steel framing |
| <input type="checkbox"/> Concrete construction | <input type="checkbox"/> Masonry construction | <input type="checkbox"/> Wood framing |
| <input type="checkbox"/> Other: _____ | | |
| 25. Certification is required for: <input type="checkbox"/> Glu-lam components | | |
| 26. <input type="checkbox"/> Firestops in high-rise building | | |

Prepared by: _____ Phone: (_____) _____
Engineer/Architect of Record

Required information:
FAX: (_____) _____ Email _____

Review by: _____ Phone: (628) 652-_____
DBI Engineer or Plan Checker

APPROVAL (Based on submitted reports.)

DATE _____ DBI Engineer or Plan Checker / Special Inspection Services Staff

QUESTIONS ABOUT SPECIAL INSPECTION AND STRUCTURAL OBSERVATION SHOULD BE DIRECTED TO:
Special Inspection Services (628) 652-3407; or, dbi.specialinspections@sfgov.org