



SAN FRANCISCO DEPARTMENT OF BUILDING INSPECTION
SPECIAL INSPECTION AND STRUCTURAL OBSERVATION
A COPY OF THIS DOCUMENT SHALL BE KEPT WITH THE APPROVED STRUCTURAL DRAWING SET

JOB ADDRESS _____ APPLICATION NO. _____ ADDENDUM NO. _____

NOTICE

SPECIAL INSPECTION REQUIREMENTS

Please note that 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 the special inspector shall be furnished to the 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 **415-558-6132**. 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 Special Inspection Services. 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 1702. **The building permit will not be finalized without the compliance of the structural observation requirements.**

Special Inspection Services Contact Information

1. Telephone: (415) 558-6132
2. Fax: (415) 558-6474
3. Email: dbi.specialinspections@sfgov.org
4. In person: 3rd floor at 1660 Mission St.

Note: Look for future notification regarding the 2007 California Building Code, Chapter 17. Also, we are moving towards a 'paperless' mode of operation. All special inspection submittals, including final letters, may be emailed (preferred) or faxed. We will also be shifting to a paperless fax receipt mode, soon.

OWNER NAME _____ OWNER PHONE NO. () _____

Employment of a special inspector is the direct responsibility of the OWNER, or the engineer/architect of record acting as the owner's representative. A special inspector shall be one of those as prescribed in Sec.1701.2 of the San Francisco Building Code. The name of the special inspector shall be furnished to the 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 1702. 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 Sec. 1701;1703;1704 (2001* 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: |
| 2. <input type="checkbox"/> Bolts installed in new 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.1607C,1615C |
| 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" | 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"/> Welded studs | 14. <input type="checkbox"/> Smoke-control system | <input type="checkbox"/> Others: _____ |
| <input type="checkbox"/> Cold formed studs and joists | 15. <input type="checkbox"/> Demolition | |
| <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 highrise building)
(Section 1701.8) |
| <input type="checkbox"/> Reinforcing steel | 17. Retrofit of unreinforced masonry buildings: | 23. <input type="checkbox"/> Others: As recommended by professional |
| B. Continuous visual inspection and NDT
(Section 1703) | <input type="checkbox"/> Testing of mortar quality and shear tests | |
| | <input type="checkbox"/> Inspection of reporting operations | |
| <input type="checkbox"/> All other welding (NDT exception: Fillet weld) | <input type="checkbox"/> Installation inspection of new shear bolts of record _____ | |
| <input type="checkbox"/> Reinforcing steel; and <input type="checkbox"/> NDT required | <input type="checkbox"/> Pre-installation inspection for embedded bolts | |
| <input type="checkbox"/> Moment-resisting frames | <input type="checkbox"/> Pull/torque tests per SFBC Sec.1607C & 1615C. _____ | |
| <input type="checkbox"/> Others _____ | | |

24. Structural observation per Sec. 1702 (2001* SFBC) for the following: Foundations Steel framing
 Concrete construction Masonry construction Wood framing
 Other: _____

25. Certification is required for: Glu-lam components

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

Additional required information:

Fax: _____ and/or email: _____

Review by: _____ Phone: (415) 558-
DBI Engineer or Plan Checker

APPROVAL (Based on submitted reports)

DATE DBI Engineer, Plan Checker or Special Inspection Services Staff

QUESTIONS ABOUT SPECIAL INSPECTION AND STRUCTURAL OBSERVATION SHOULD BE DIRECTED TO:
Special Inspection Services (415) 558-6132; or, dbi.specialinspections@sfgov.org ; or FAX (415) 558-6474

* **Note:** Look for future notification regarding the 2007 California Building Code, Chapter 17. 6/16/08