

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. _____

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"/> 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