



**CITY OF MANTECA
BUILDING SAFETY DIVISION**

1001 West Center Street • Manteca, CA 95337 • (209) 456-8550 • FAX (209) 923-8955

SPECIAL INSPECTION AGREEMENT

PERMIT NO: _____

DATE: _____

PROPERTY OWNER: _____

APPROVED SPECIAL INSPECTION FIRM: _____

JOB NAME: _____

ADDRESS: _____

APPROVED TESTING LABORATORY: _____

SPECIAL INSPECTIONS AND/OR TESTS:

We would like to confirm your company's retention as Special Inspector and/or testing agency on the above-named job. The item or items checked below require the owner or the engineer or architect of record acting as the owner's agent to employ a Special Inspector during construction in accordance with Section 1701.1 of the Uniform Building Code.

- CONCRETE:** *During the taking of the test specimens and placing of reinforced concrete. See item 12 for shotcrete.*

EXCEPTIONS:

- *Concrete for foundations conforming to minimum requirements of Table No. 18-I-D or for Group R, Division 3 or Group U, Division 1 Occupancies, provided the Building Official finds that a special hazard does not exist.*
- *For foundation concrete other than cast-in-place drilled piles or caissons, where the structural design is based on an $f'c$ no greater than 2,500 psi.*
- *Nonstructural slabs on grade, including prestressed slabs on grade when effective prestress in concrete is less than 150 psi.*
- *Site work concrete fully supported on earth and concrete where no special hazard exists.*

- BOLTS INSTALLED IN CONCRETE:** *Prior to and during the placement of concrete around bolts when stress increases permitted by Footnote 5 of Table 19-E or Section 1925 are utilized.*

- SPECIAL MOMENT-RESISTING CONCRETE FRAME:** *As required by Section 1921.9 of this code.*



4. **REINFORCING STEEL AND PRESTRESSING STEEL TENDONS:**

- A. *During all stressing and grouting of tendons in prestressed concrete.*
- B. *During placing of reinforcing steel and prestressing tendons for all concrete required to have special inspection by Item No. 1.*

EXCEPTION:

- *The Special Inspector need not be continuously present during the placing of reinforcing steel and prestressing tendons, provided he/she has inspected for conformance with the approved plans, prior to the closing of forms or the delivery of concrete to the jobsite.*



5. **STRUCTURAL WELDING:**

- A. *General: During the welding of any member or connection which is designed to resist loads and forces required by this code.*

EXCEPTIONS:

- *When welding is done in an approved fabricator's shop.*
- *The Special Inspector need not be continuously present during welding of the following items provided the materials, qualifications of welding procedures and welders are verified prior to the start of work; periodic inspections are made of work in progress; and a visual inspection of all welds is made prior to completion or prior to shipment of shop welding:*
 1. *Single-pass fillet welds not exceeding 5/16 inch in size.*
 2. *Floor and roof deck welding.*
 3. *Welded studs when used for structural diaphragm or composite systems.*
 4. *Welded sheet steel for cold-formed steel framing members, such as studs and joists.*
 5. *Welding of stairs and railing systems.*

- B. **SPECIAL MOMENT-RESISTING STEEL FRAMES:** *During the welding of special moment-resisting steel frames. In addition to item A requirements above, nondestructive testing as required by Section 1703 of the Uniform Building Code.*

- C. **WELDING OF REINFORCING STEEL:** *During the welding of reinforcing steel.*

EXCEPTION:

- *The Special Inspector need not be continuously present during the welding of ASTM A 706 reinforcing steel not larger than No. 5 bars used for embedments, provided the materials, qualifications of welding procedures and welders are verified prior to the start of work; periodic inspections are made of work in progress; and a visual inspection of all welds is made prior to completion or prior to shipment of shop welding.*

6. **HIGH-STRENGTH BOLTING:** As required by Chapter 22, Division IV. Such inspections may be performed on a periodic basis in accordance with the requirements of Section 1701.6.

7. **STRUCTURAL MASONRY:**

A. For masonry, other than fully grouted open-end hollow unit masonry, during preparation and taking of any required prisms or test specimens, placing of all masonry units, placement of reinforcement, inspection of grout space, immediately prior to closing of cleanouts, and during all grouting operations.

EXCEPTION:

- For hollow-unit masonry where $f'm$ is no more than 1,500 psi for concrete units or 2,600 psi for clay units, special inspection may be performed as required for fully grouted open-end hollow unit masonry specified in Item B.

B. For fully grouted open-end hollow unit masonry, during preparation and taking of any required prisms or test specimens, at the start of laying units, after the placement of reinforcing steel, grout space prior to each grouting operation, and during all grouting operations.

EXCEPTION:

- Special inspection as required in Items A and B above need not be provided when design stresses have been adjusted as specified in Chapter 21 to permit non-continuous inspection.

8. **REINFORCED GYPSUM CONCRETE:** When cast-in-place Class B gypsum concrete is being mixed and placed.

9. **INSULATING CONCRETE FILL:** During the application of insulating concrete fill used as part of a structural system.

EXCEPTION:

- The special inspections may be limited to an initial inspection to check the deck surface and placement of reinforcing. The Special Inspector shall supervise the preparation of compression test specimens during this initial inspection.

10. **SPRAY-APPLIED FIREPROOFING:** As required by U.B.C. Standard 7-6.

11. **PILING, DRILLED PIERS AND CAISSONS:** During driving and testing of piles and construction of cast-in-place drilled piles or caissons. See Item Nos. 1 and 4 for concrete and reinforcing steel inspection.

12. **SHOTCRETE:** During the taking of test specimens and placing of all shotcrete and as required by Section 1922.10 and 1922.11.

EXCEPTION:

- Shotcrete work fully supported on earth, minor repairs and when, in opinion of the building official, no special hazard exists.

- 13. **SPECIAL GRADING, EXCAVATION, AND FILLING:** During earthwork excavations, grading and filling operations, inspection to satisfy requirements of Chapter 18 and Appendix Chapter 33 of this code.

- 14. **SPECIAL CASES:** Work which, in the opinion of the building official, involves unusual hazards or conditions.

- 15. **PRE-CONSTRUCTION MEETING:** A pre-construction meeting with the City Building Official, Architect or Engineer, Contractor, and Special Inspector will be required prior to issuance of a building permit.

SPECIAL INSPECTOR: The Special Inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection. **Each inspector performing inspections must be on the City of Manteca approved list of inspectors and must be listed for the category for which they are inspecting. Failure to use an inspector on the approved list may result in the work that has been inspected being turned down by the Building Department.**

DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:

1. The Special Inspector shall observe the work assigned for conformance with the approved design drawings and specifications.
2. The Special Inspector shall furnish inspection reports to the building official, the engineer or architect of record, and other designated persons. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, to the proper design authority and to the building official.
3. The Special Inspector shall submit a final signed report stating whether the work requiring special inspection was, to the best of the Inspector's knowledge, in conformance with the approved plans and specifications and the applicable workmanship provision of this code.

Project Address

Permit Number

Name of Special Inspection Firm

Special Inspector(s) assigned to this job:

Inspector Name (Print or Type) *Inspection Type(s)*

Inspector Name (Print or Type) *Inspection Type(s)*

Inspector Name (Print or Type) *Inspection Type(s)*

The undersigned Special Inspector or qualified Agent of the testing laboratory, who has been approved by this department, agrees to comply with the above-listed duties and responsibilities of the Special Inspector.

Authorized Agent for Special Inspection Firm (Print or type name) *Title*

Authorized Agent's Signature *Date*

The undersigned property owner or the engineer or architect of record acting as the owner's agent will assume the responsibility of scheduling and notifying the testing laboratory of the above-marked inspections. The undersigned also states that he/she understands the duties and responsibilities of the Special Inspector.

Property Owner or Agent's Name (Print or type) _____
(Agent must be the Architect or Engineer for the Project) _____

Owner's Address

Owner or Agent's Signature *Date*

Mail or Deliver Reports to the Following Address:

City of Manteca
Community Development Department
Attn: Building Safety Division
1001 W. Center Street
Manteca, California 95337