Community Development Department
BUILDING & SAFETY DIVISION / PLANS & PERMITS
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BLD2020-03852
Permit #
4188 Eggers Dr. Fremont
Project Address

SPECIAL INSPECTION AND TESTING AGREEMENT

PURPOSE: This Special Inspection and Testing Agreement (SITA) is a tool to define aspects of the project that require special inspection and testing as required in the currently adopted California Building Code and to define duties and responsibilities for individuals and other parties connected with project.

SUBMITTAL REQUIRMEMNT: The Owner, Contractor, or Engineer or Architect of Record (EAR) acting as the Owner's Agent, shall complete, sign and submit this SITA to the City of Fremont for review and approval.

APPROVAL OF SPECIAL INSPECTOR & TESTING AGENCY: Each Special Inspector (SI) or Testing Agency (TA) shall be approved by the Building Official (BO) prior to performing any inspection or testing duties. In order to be considered for approval each SI or TA shall submit resume(s) along with at least two professional references describing qualifications and experience to perform special inspection or testing services. The BO will review submitted information and in addition may schedule and perform one or more personal interviews to further examine qualifications; Based on this investigation the BO shall either APPROVE, CONDITIONALLY APROVE, or DENY each SI or TA.

Duties and Responsibilities of Owner: The project's Owner or their Contractor or EAR acting as the Owner's Agent shall hire and pay for all special inspection and testing services.

Duties and Responsibilities of the Engineer or Architect of Record: The EAR shall define all special inspection and testing required by the CBC and BO and shall include these detailed requirements on project plans and specifications.

Duties and Responsibilities of the Special Inspector and Testing Agency:

1. ***Accountability to City of Fremont Building Official***: The SI and TA are accountable to the City of Fremont and shall perform all inspection and testing work on behalf of the City of Fremont BO and shall comply with direction from the BO.
2. ***Observe work***: The SI shall observe work for conformance with City approved design drawings and specifications and applicable workmanship provisions of the CBC. Architect/engineer-reviewed shop drawings and/or placing drawings may be used only as an aid to inspection but do not substitute for approve project documents. Special inspections are to be performed on a continuous basis, meaning that the SI is on site in the general area at all times during work requiring special inspection. Periodic inspections, if permitted, must have prior approval by the BO based on a separate written inspection plan prepared by the EAR and approved by the BO.
3. ***Report nonconforming items***: SI shall bring nonconforming items to the immediate attention of the BO and Contractor and shall document such items and include in daily and/or weekly inspection reports. If any nonconforming item is not resolved in a timely manner or is about to be incorporated into construction, SI shall immediately notify the BO, and EAR, by email, telephone or in person, and deliver discrepancy notice to Contractor and post at job site.
4. ***Prepare and Sign Daily reports***: Each SI shall complete and sign a daily special inspection record and report form for each day's inspections. These documents shall be retained by SI or placed at jobsite with the Contractor and shall be available for review by BO, Owner or EAR upon request.
5. ***Furnish weekly reports***: The SI or TA shall furnish weekly report of tests and inspections directly to the BO, EAR, and others as designated. These reports shall at a minimum include the following information: (a) Name of SI who performed each inspection or test; (b) Detailed description of each daily inspection and/or test performed with specific locations and results identified; (c) Report on how nonconforming items were resolved or unresolved as applicable; and (d) Itemized list of all changes or alternatives authorized by EAR and/or BO.
6. ***Furnish Final Report***: The SI or TA shall submit a final signed report to the BO stating that all items requiring special inspection and testing were fulfilled and reported and, to the best of his/her knowledge, in conformance with approved design drawings, specifications, and approved change orders and applicable workmanship provisions of the CBC. Items not in conformance, unresolved items or any discrepancies in inspection coverage (i.e., work done without inspections, periodic inspections when continuous ones were required, etc.) shall be specifically itemized in this report.

Duties and Responsibilities of the Contractor:

1. ***Notify the Special Inspector (SI)***: The contractor is responsible to notify the SI or TA regarding individual inspections or tests required. Contractor shall provide SI or TA adequate notice so that they have sufficient time to become familiar with the project and perform requested inspection or testing work prior to being concealed by subsequent construction;
2. ***Provide access to Approved Plans***: The contractor shall provide SI, Owner, EAR and BO access to approved plans and permit documents at the jobsite;
3. ***Retain Special Inspection Records***: The contractor shall retain at the jobsite all special inspection records submitted by the SI and make these records available for review by Owner, EAR, BO or BO's Representative upon request.

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STRUCTURAL TESTS AND INSPECTIONS SCHEDULE

Designate required Special Inspections and Testing Below. Mark required inspections with **C** to denote **CONTINUOUS** Inspection
P to denote **PERIODIC** Inspection

STRUCTURAL STEEL:
____ Sample & Test (list specific numbers below)
____ Shop Ident. & Welding Inspection
____ Shop Ultrasonic Inspection
____ Shop Radiography
____ Field Welding Inspection
____ Field Bolting Inspection
____ Field Ultrasonic Inspection
____ Field Radiology
____ Metal Deck Welding Inspection

REINFORCING STEEL:
____ Tensile & Bend, one set per heat per ____ tons
____ Inspection of Placement
____ Inspection of Welding

PRECAST/CONCRETE:
____ Reinforcing Tests
____ Inspection of Reinforcing Placement
____ Tendon Tests
____ Inspection of Tendon Placement
____ Inspection of Concrete Placement
____ Inspection of Concrete Batching
____ Inspection of Panel Attach & Inserts
____ Inspection of Panel Installation
____ Compression of Tests
____ Inspection of Stressing/Transfer
____ Inspection of Concrete Anchors

INSULATING CONCRETE:
____ Sample & Test
____ Unit Weights

FIREPROOFING:
____ Inspection of Placement
____ Density Tests
____ Thickness Tests
____ Inspect Batching

FILL MATERIAL:
____ Acceptance Tests
____ Moisture Density Determination
____ Field Density

ROOFING:
____ Inspection
____ Sample & Test

STRUCTURAL WOOD:
____ Inspection of Fabrication
____ Inspection of Truss Joist Fab
____ Sample & Test Components
____ Inspection of Glu-lam Fab

PILING, CAISSONS, CAPS, TIES:
____ Inspection of Reinforcing Placement
____ Inspection of Concrete Placement

UNDERPINNING:
____ Inspection of Steel Fabrication
____ Inspecting of Reinforcing Forms
____ Inspection of Concrete Placement
____ Inspection of Tiebacks

MASONRY:
____ Preliminary Acceptance Tests (Masonry Units, Wall Prisms)
____ Subsequent Tests (Mortar, Grout, Field Wall Prisms)
____ Inspection of Grouting
____ Inspection of Placement & Grouting

ASPHALTIC CONCRETE:
____ Mix Designs
____ Inspection of Batch Plant
____ Core/Test
____ Field Inspection
____ Suitability Tests
____ Specific Gravity
____ Asphalt Content
____ Sieve Analysis
____ K Factors
____ Stabilometer Value
____ Swell

OTHER:
Epoxy install anchor bolts and dowels in hardened concrete

Other Tests, Inspections or Special Instructions

Conc.	Grout	Mortar	
			Suitability of Agg.
			Mix Designs
			Test Panel
			Batch Plant Insp.
			Cement Grab Sample
			Inspect Placing
			Compression Tests
			Cast Specimens
			Pick-up Samples
			Shrinkage Bars
			Yield Check
			Air Check
			Dry Unit Weight

Concrete:
Footing f'c = 2,500
Slab f'c =
Piers f'c = 2,500
Lt. Weight f'c =
Columns f'c =
Susp. Slab f'c =

Grout:
PSI =

Mortar:
PSI =

NOTE: A concrete strength test shall be the average of two cylinders made from same sample, tested at 28 days.

ACKNOWLEDGMENT: I have read and agree to comply with the terms and conditions of this Special Inspection and Testing Agreement. □ Owner □ Agent/Owner □ Agent/Contractor □ Agent/Engineer □ Agent/Architect □ Agent/Other

Print: Antonio Prado Sign: _____ Date: 06/08/2020

Print: _____
Special Inspection/Testing Agency

Building Official or Designee: _____ Date: _____