

SPECIAL INSPECTION AND TESTING AGREEMENT

CITY OF BELMONT

To permit applicants of projects requiring special inspection and/or testing per Chapter 17, Section 1704 of the California Building Code.

Project Address: _____ Permit Application No _____

BEFORE A PERMIT CAN BE ISSUED: *The owner, or the engineer of record acting as the owner's agent, shall complete this agreement and the attached structural tests and inspections schedule including the required acknowledgments. A preconstruction conference with the parties involved may be required to review the special inspection requirements and procedures.*

APPROVAL OF SPECIAL INSPECTORS: *Each special inspector shall be approved by the Building Division prior to performing any duties. Each special inspector shall submit his/her qualifications to the Building Division and is subject to a personal interview for prequalification. Special inspectors shall display approved identification, as stipulated by the Building Division, when performing the function of a special inspector.*

Special inspection and testing shall meet the minimum requirements of Chapter 17 of the California Building Code, Section 1704. The following conditions are also applicable:

A. Duties and Responsibilities of the Special Inspector

1. Observe Work

The special inspector shall observe the work for conformance with the Building Division approved (stamped) design drawings and specifications and applicable workmanship provisions of the C.B.C. Architect/engineer-reviewed shop drawings and/or placing drawings may be used only as an aid to inspection.

Special inspections are to be performed on a continuous basis, meaning that the special inspector is on site in the general area at all times observing the work requiring special inspection. Periodic inspections, if any, must have prior approval by the Building Division based on a separate written plan reviewed and approved by the Building Division and the project engineer or architect.

2. Report Nonconforming Items

The special inspector shall bring nonconforming items to the immediate attention of the contractor and note all such items in the daily report. If any item is not resolved in a timely manner or is about to be incorporated in the work, the special inspector shall immediately notify the Building Division by telephone or in person, notify the engineer or architect, and post a discrepancy notice.

3. Furnish Daily Reports

On request, each special inspector shall complete and sign both the special inspection record and the daily report form for each day's inspections to remain at the jobsite with the contractor for review by the Building Division's inspector.

4. Furnish Weekly Reports

The special inspector or inspection agency shall furnish weekly reports of tests and inspections directly to the Building Division, project engineer or architect, and others as designated. These reports must include the following:

- a. Description of daily inspections and tests made with applicable locations;*
- b. Listing of all nonconforming items;*
- c. Reports on how nonconforming items were resolved or unresolved, as applicable; and*
- d. Itemized changes authorized by the architect, engineer and Building Division if not included in nonconformance items.*

5. Furnish Final Report

The special inspector or inspection agency shall submit a final signed report to the Building Division stating that all items requiring special inspection and testing were fulfilled and reported and, to the best of his/her knowledge, in conformance with the approved design drawings, specifications, approved change orders and the applicable workmanship provisions of the C.B.C.

SPECIAL INSPECTION AND TESTING SCHEDULE

PROJECT ADDRESS _____

BUILDING PERMIT NO. _____

TESTING/INSPECTION AGENCY or SPECIAL INSPECTOR

REINFORCED CONCRETE, GUNITE, GROUT AND MORTAR

Concrete	Gunite	Grout	Mortar	
				Aggregate Tests
				Reinforcing Tests
				Mix Designs
				Reinforcing Placement
				Batch Plant inspection
				Inspect Placing
				Cast Samples
				Pick-up Samples
				Compression Tests

CAST INPLACE/PRECAST/PRESTRESSED CONCRETE

Piers/ Piles	Post- Tens	Pre-Tens	Cladding	
				Aggregate Tests
				Reinforcing Tests
				Tendon Tests
				Mix Designs
				Reinforcing Placement
				Insert Placement
				Concrete Batching
				Concrete Placement
				Installation Inspection

MASONRY:

	Special Inspection Stresses used
	Preliminary Acceptance Tests (Masonry Units, Wall Prisms)
	Subsequent Tests (Mortar, Grout, Field Wall Prisms)
	Placement Inspection of Units

ADDITIONAL INSTRUCTIONS OR OTHER TESTS

AND INSPECTIONS: _____

STRUCTURAL STEEL/WELDING:

	Sample and Test (list specific members below)
	Shop Material Identification
	Welding Inspection <input type="checkbox"/>Shop <input type="checkbox"/>Field
	Ultrasonic inspection <input type="checkbox"/>Shop <input type="checkbox"/>Field
	High-strength Bolting Inspection <input type="checkbox"/>Shop <input type="checkbox"/>Field
	<input type="checkbox"/> A325 <input type="checkbox"/> A490 <input type="checkbox"/> N <input type="checkbox"/> X <input type="checkbox"/> F
	Metal Deck Welding Inspection
	Concrete insert Welding Inspection
	Epoxy Embedments

FIREPROOFING:

	Placement Inspection
	Density Tests
	Thickness Tests
	Inspect Batching

INSULATING CONCRETE:

	Sample and Test
	Placement Inspection
	Unit Weights

FILL MATERIAL:

	Acceptance Tests
	Placement inspection
	Field Density

STRUCTURAL WOOD:

	Shear Wall Nailing Inspection
	Inspection of Glu-lam Fab.
	Inspection of Tress Joist Fab
	Sample and Test Components

Form Completed By _____ Title _____ Phone _____ Date _____

PREQUALIFIED INSPECTION AND TESTING AGENCIES

RC = Reinforced Concrete

PC = Prestressed Concrete

SM = Structural Masonry

SSW = Structural Steel/Welding

FP = Fireproofing

Firm	Address	Responsible Engineer	Phone Fax	Lab Location	Expiration Date
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Consolidated Engineering Laboratories	2001 Crow Canyon Rd. #100 San Ramon, CA 94583	Chris Kavalaris	925-314-7100 925-855-7140	534 - 23 rd Ave. Oakland, CA 94606	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #54	X	X	X	X

HP Inspections, Inc.	690 Sunol St., Bldg. H San Jose, CA 95126	P. Scott Pinkham	408-288-8460 408-271-0902	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #141		X	X	

Kleinfelder, Inc. <i>(Commercial only)</i>	7133 Koll Center Pkwy. #100 Pleasanton, CA 94566	R. Daniel Cherrier	925-484-1700 925-484-2977	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #43	X	X	X	X

RES Engineers, Inc.	150 N. Wigit Ln. #204 Walnut Creek, CA 94598	Ross Esfandiari	925-932-4600 925-932-4625	350 Barneveld Ave. San Francisco, CA 94124	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #165		X		

Signet Testing Laboratories	3121 Diablo Ave. Hayward, CA 94545	William Wahbeh	510-887-8484 510-732-5060	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #59	X	X	X	X

Smith-Emery Company	1940 Oakdale Ave San Francisco, CA 94124	William C. Wood	415-642-7326 415-642-7055	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X

Agencies have been evaluated based on personnel experience and ACI/ICC certification in compliance with CCTIA's Guideline for Issuing Special Inspector Identification Cards and laboratory accreditation by either the Division of the State Architect (LEA) or International Accreditation Service (IAS).

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Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #56	X	X	X	

Terrasearch, Inc.	322 Piercy Rd San Jose, CA 95138	George Makdissy	408-362-4920 408-362-4926	257 Wright Brothers Ave. Livermore, CA 94551	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #147	X	X	X	

Testing Engineers, Inc.	2811 Teagarden St. San Leandro, CA 94577	Terry Eglad	510-835-3142 510-834-3777	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #33	X	X	X	X

ES Geotechnologies	446 South Hillview Dr. Milpitas, CA 95035	Cynthia Wiggins	408-934-9302 408-946-4569	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #30	X	X	X	X

Bagg Engineers	847 West Maude Avenue Sunnyvale, CA 94085-2911	Melesa Finau	650-852-9133 650-852-9138	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	LEA #238	X	X	X	X

A1 Inspection Services	1754 Mission Street San Francisco, CA 94109	Harold Howell	415-621-8001 415-358-4409	Same	
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Inspections:	RC	PC	SM	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
		X	X	X	X

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Valley Inspection Incorporated	326 Woodrow Avenue Vallejo, CA 94591-7302	Carroll Strickland	707-552-7037 707-552-7022	Same
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Inspections:	RC	PC	SM	SSW	FP
				X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

Achievement Engineering Corp.	434 Camille Circle #13 San Jose, CA 95134	Sina Hooshdar, P.E.	800 -653-1397	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

Applied Materials & Engineering, Inc.	980 41 st Street Oakland, CA 94608	Amen Tajirian, P.E.	510-420-8190	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

Neil O. Anderson & Associates	902 Industrial Way, Lodi, CA 95240	Neil O. Anderson, P.E.	209-367-3701	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

Geissler Engineering	The Russ Building, Suite 1011 235 Montgomery Street SF, CA 94104	Dr. Peter S. Geissler PE, PH.D.	415-760-5636	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

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Krazan & Associates, Inc.	1061 Serpentine Lane, Suite F Pleasanton, CA 94566	Dave R. Jarosz, II, P.E.	925-307-1160	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel

Construction Testing Services	2118 Rheem Drive Pleasanton, CA 94588	Timothy J. Casey, P.E.	925-462-5151	Same
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Inspections:	RC	PC	Masonry	SSW	FP
	X	X	X	X	X
Lab Testing:	Accreditation	Rebar	Concrete	Masonry	Str. Steel
	X	X	X	X	X

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