



SPECIAL INSPECTION AND TESTING AGREEMENT

CITY OF CITRUS HEIGHTS

To permit applicants of projects requiring special inspection and/or testing per Section 1701 of the California Building Code.

Project Name _____ Building Permit No _____

Address _____

BEFORE A PERMIT CAN BE ISSUED: The owner, or the engineer/architect of record acting as the owner's agent, shall complete two (2) copies of 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 California Building Code Section 1701.

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.

BSD#	APPROVAL DATE:	APPROVED BY:	A:\BSD#XXX.doc
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5.

6. **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. Items not in conformance, unresolved items or any discrepancies in inspection coverage (i.e., missed inspections, periodic inspections when continuous was required, etc.) shall be specifically itemized in this report.

B. Contractor Responsibilities

1. **Notify the Special Inspector**

The contractor is responsible for notifying the special inspector or agency regarding individual inspections for items listed on the attached schedule and as noted on the Building Division approved plan. Adequate notice shall be provided so that the special inspector has time to become familiar with the project.

2. **Provide Access to Approved Plans**

The contractor is responsible for providing the special inspector access to approved plans at the jobsite.

3. **Retain Special Inspection Records**

The contractor is also responsible for retaining at the jobsite all special inspection records submitted by the special inspector, and providing these records for review by the Building Division's inspector upon request.

C. Building Division Responsibilities

1. **Approve Special Inspection**

The Building Division shall approve all special inspectors and special inspection requirements.

2. **Monitor Special Inspection**

The Building Division's inspector shall monitor Work requiring special inspection and the performance of special inspectors. His/her approval must be obtained prior to placement of concrete or other similar activities in addition to that of the special inspector.

3. **Issue Certificate of Occupancy**

The Building Division may issue a Certificate of Occupancy after all special inspection reports and the final report have been submitted and accepted.

ACKNOWLEDGEMENTS

I have read and agree to comply with the terms and conditions of this agreement

Owner: _____ Signature _____ Date: _____
(Please Print)

Contractor: _____ Signature _____ Date: _____
(Please Print)

Special Inspector or Inspection Agency:

_____ Signature _____ Date: _____
(Please Print)

Project Engineer/Architect:

_____ Signature _____ Date: _____
(Please Print)

ACCEPTED FOR THE BUILDING DIVISION

By: _____ Date: _____

Structural Tests and Inspections Schedule

Prior to issuance of an occupancy permit, the Inspection Agency shall submit a statement that all items of designated work performed were reported.

Whenever any items on this list are ready for sampling, testing, or inspection, it shall be the responsibility of the Contractor to give timely notice to the Inspection Agency so that the required services may be performed.

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

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
- Inspection 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:

Other Tests, Inspections, or Special Instructions			
Conc.	Grout	Mortar	
			Agg. Tests for Designs
			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 = _____ Columns f'c _____
- Slab f'c = _____ Susp. Slab f'c _____
- Piers f'c = _____ Lt. Weight 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.

CITY OF CITRUS HEIGHTS

BUILDING & SAFETY DIVISION

6237 FOUNTAIN SQUARE DRIVE, CITRUS HEIGHTS, CA 95621 Phone: (916) 727-4760

APPROVED SPECIAL INSPECTION FIRM LIST

Special Inspection Services Provided
(See pages 2 and 3 for Key and Notes)

	1	2	3	4	5	6	7	8	9	10	11	12	All	Other
AIM Testing Laboratories 2900 Standiford Ave Ste 16B-27B Modesto CA 95350 Phone: (209) 523-0754													x	(6)
Anderson Consulting Group 631 Commerce Dr Roseville CA 95678 Phone: 786-8883 Fax 786-7891													x	
BSK and Associates 9140 Gold Camp Dr Ste 160 Rancho Cordova CA 95670 Phone: 853-9293 Fax 853-9297													x	(8)
Brown & Mills 9940 Business Park Dr Ste 140 Sacramento CA 95827 Phone: 362-5541 Fax 362-3454	x	x	x	x	x	x		x	x	x				
Capitol Engineering Laboratories 631 Commerce Dr Roseville CA 95678 Phone: 786-2488 Fax 786-9392													x	
Central Weld Agency 4837 Paladena St Sacramento CA 95841 Phone: 485-0195 Fax Call first 485-0195						(2)								
Consolidated Engineering Labs 201Harris Ave Ste 14 Sacramento CA 95838-3283 Phone: 568-6700 Fax 568-1212 e-mail: ART@celsac.com	x		x	x	x	x	x	x	x	x	x	x		
Dames & Moore 8801 Folsom Blvd. Ste. 200 Sacramento ca 95826 phone: 387-8800 Fax 387-0802	x	x	x	x	x						x	x		
Earthtec Ltd 1830 Vernon St Ste 7 Roseville CA 95678 Phone: 786-5262 Fax 78-5763	x	x												
ENGEO Incorporated 631 Commerce Dr, #100 Roseville, CA 95678 Phone: (916) 786-8883													x	
Environ Geotech Consultants Inc 2495 Industrial Parkway West Hayward CA 94545 Phone: (415) 786-0243 or (916) 925-4789	x	x												
Geocon Inc 3235 Sunrise Blvd Ste 6 Rancho Cordova CA 95742 Phone: 852-9118 Fax 852-9132	x	x												
Giles Engineering Assoc Inc 1200 No Jefferson St Ste H Anaheim CA 92807 Phone: (714) 666-1670	x	x												
Inspection Consultants Inc 2999 Gold Canal Dr Ste A Rancho Cordova CA 95670-6457													x	
R.W. Isaacson, Civil Engineer 3417-A Arden Wy Sacramento CA 95825 Phone: 488-5622 Fax 488-2062					x		x		x					

	1	2	3	4	5	6	7	8	9	10	11	12	All	Other
J. H. Kleinfelder & Associates 3077 Fite Cir Sacramento CA 95827 Phone: 366-1701 Fax 366-7013													x	
Koelzer Engineering Services 3560 Business Dr Ste 116 Sacramento CA 95822 Phone: 453-0421 Fax 453-0422	x	x												
Krazan & Associates Inc 5808 Price Ave. McClellan CA 95652 Phone: 564-2200 Fax 564-2222													x	
McKinney Krug 6929 Sunrise Blvd Ste 202 Citrus Heights CA 95610 Phone: 721-1991 Fax 721-1312						(1)								(9)
NDL Services 3104 Otto Dr Stockton CA 95209 Phone: (209) 478-6994						x			x					(9)
Pacific Consulting Engineers 2150 Bell Ave Ste 145 Sacramento CA 95838 Phone: 564-6028 Fax 564-6029														(4)
Raney Geotechnical 3140 Beacon Blvd Ste 100 West Sacramento CA 95691 Phone: 371-0434 Fax 371-1809	x	x	x			(1)								(5)
Laver L. Roper & Associates Inc 3235 Sunrise Blvd Ste 5 Rancho Cordova CA 95742 Phone: 631-4455 Fax 631-4466													x	
Signet Testing Labs 25064 Viking St Hayward CA 94545 Phone: (415) 887-8484	x		x	x	x	x	x	x	x	x	x	x		
Stantec Consulting 2590 Venture Oaks Way Sacramento CA 95833 Phone: (916) 596-2500	x	x	x	x	x	x	x	(4)	x	x	x	x		
Structural Testing Inc 791 Lombardi Ct Ste 109 Santa Rosa CA 95403 Phone: (707) 542-0279	(3)		x	x	x	x	x	x	x	x	x	x		
The Twining Laboratories Inc P.O. Box 1472 Fresno CA 93716 Phone: (209) 768-7021													x	
United States Testing Company Inc 3536 Oakdale Rd Modesto CA 95355 Phone: (209) 527-2271													x	
Vector Engineering Inc 12438 Loma Rica Dr Ste C Grass Valley CA 95945 Phone: 272-2448 Fax 272-8533													x	(5)
Wallace, Van Alstine & Kuhl P.O. Box 1137 West Sacramento CA 95691 Phone: 372-1434 Fax 372-3565													x	(8)
Western Planning & Engineering 21860 Kemper Rd Ste 3 Auburn CA 95603 Phone: 823-6917 Fax 823-5518	x		x		x	(1)			x		x			
Robert Young Engineers 10140 Manor Dr Grass Valley CA 95945 Phone: 477-2864	x	x	x						x					
Youngdahl & Associates Inc 1234 Glenhaven Ct El Dorado Hills CA 95762 Phone: 933-0633 Fax 933-6482	x	x	x	x	X	X	X	X	x					

	1	2	3	4	5	6	7	8	9	10	11	12	All	Other
Key of Services Provided:	1. Piling/Drilled Piers/Caisson							7. Prestressing Steel						
	2. Soil/Foundation Testing/Earthwork							8. Structural Steel Welding						
	3. Reinforced Concrete (cast in place, precast)							9. Structural Steel Bolting (high strength)						
	4. Reinforced Concrete (prestressed)							10. Structural Masonry						
	5. Pneumatically Placed Concrete (gunite)							11. Insulating Concrete						
	6. Reinforcing Steel/Welding							12. Spray Applied Fireproofing						

NOTES:

- a. The firms listed in this document have submitted documentation to the City Building & Safety Division acknowledging their expertise in the designated areas of Special Inspection and are approved by the City to perform such services.
- b. This list addresses only those inspections required by the Uniform Building Code (UBC) Section 1701. Please contact the firm for a complete listing of inspection services provided.
- c. This list identifies Special Inspection firms approved pursuant to Building & Safety Division Special Inspection Policy.
 - (1) Approved for inspection of the placement of reinforcing only; no welding inspection is approved.
 - (2) Approved for inspection of reinforcement welding only; placement inspection associated with concrete inspection is not included with this approval.
 - (3) Concrete reinforcing steel portions only.
 - (4) Including nondestructive testing.
 - (5) Concrete expansion anchors and epoxy or chemical set anchor bolts in existing concrete.
 - (6) Medical gas testing for healthcare facilities.
 - (7) Reinforced gypsum concrete.
 - (8) Roller compacted concrete.
 - (9) Bolts installed in concrete.