



CALIFORNIA COUNCIL OF TESTING AND INSPECTION AGENCIES

**Meeting Minutes
January 26, 2008
Treasure Island Hotel
3300 Las Vegas Blvd.
Las Vegas, NV.**

Annual Business Meeting

1. Call to Order – Elizabeth Levi
 - a. Time – 9:06 a.m.
 - b. Self-introductions –

*Jim Auser (ENGEO, Inc.)
John Byerly (John R. Byerly, Inc.)
Bill Cale (CTS)
Dan Cherrier (BSK Associates)
Dave Chippero (Terrasearch)
Denise Corkill (Kleinfelder)
Cliff Craig (DCI)
Miki Craig (DCI)
Corey Dare (Fugro West)*

*Terry Egland (Testing Engineers, Inc.)
Dennis Heider, (Heider Engineering)
Nikki Heider (Heider Engineering)
Dan Inferrera (Kleinfelder)
Elizabeth Levi (BSK Associates)
Michael Parker (Testing Engineers, Inc.)
Rick Van Horn (Terracon)
Will Wahbeh (Signet Testing Labs)*

2. Program – EF Technology & Electronic Compression Reporting – Kelly Idiart, Central Concrete

- a. EF Technology – Environmentally Friendly

The concrete industry achieved 35% replacement of cement last year by substituting mixes with high amounts of fly ash and slag.

- b. Information on Reports

Concrete suppliers are requesting compression test data meet ACI 311.5-2.6.3 and ACI 311.5.2.6.4 requirements for reporting. Most labs include the majority of data required in some fashion, but items critical to the supplier may be missing (i.e. time between start of mixing and placement; description of conditions that may affect quality).

Mr. Idiart showed a comparison of 10 labs' report content, indicating that none of the agencies included all required information.

- c. Electronic Transmission of Reports

The concrete industry is investigating a way to receive all test data electronically. The suppliers feel this would save time, paper, and postage, as well as facilitating immediacy of information.

Other benefits seen in the program include accuracy of information (less chance of error in retyping), data availability for supplier and testing labs for review of mix designs, and providing a better means for evaluation of mixes and materials.

The proposed design process for the industry includes the following items at this time:

1. Funding by suppliers



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2. *Survey of required fields*
3. *Flexibility of data entry format*
4. *Transfer file format (e.g. XML)*
5. *Secure file transfer protocol*
6. *Transmission protocol*

d. Future of Materials

Cementitious – imported cements will continue; blended cements will become more prevalent; supplementary cementing material such as fly ash, slag will become more prevalent as well.

Aggregates – local materials running out; more imports from Canada and Mexico; reclaimed will not be very popular; recycled concrete as aggregate effects water demand severely and requires more control when used.

Admixtures – Most popular will be water reducers (normal, mid range, high range), air entraining, SRA and VMA.

Concrete Mixes – EF technology will be LEED driven. The industry is focusing on cement replacement up to 50%. Design specifications will convert from prescriptive to performance based (tell supplier what you want the concrete to do - NOT what you want in it!). Optimization of material changes could be achieved through the development of a industry-wide electronic reporting. The proposed database would help to handle required substitution of materials due to supply issues (more mixes specifying ASTM qualified sands but not identifying source as they may not know at any given time).

e. Q&A

Cliff Craig suggested ASFE could assist in reaching testing agencies throughout the country

Dan Cherrier asked if smaller suppliers would be likely to disappear over the next few years. Mr. Idiart indicated he did not think that would be the case. He believes there will be more consolidation in the industry, but small firms would always be out there.

3. Committee Reports

- a. ICC/Local Jurisdictions – Miki Craig
 - i. TUCC

The committee has recently issued a first draft of criteria for a wood certification.

- ii. Joint Review Committee

The question was asked if any firm has been approved at this time. Terrasearch said it finally made it by submitting additional information that was not requested in the original application requirements.



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iii. Code Interpretation

There is an email circulating around building officials regarding code interpretation of when a geotechnical report is required. We will continue to follow this and update members accordingly.

b. ASTM – Jeff Cannon (Reported by Cliff Craig)

Committees are still going through the conversion process of removing formal names from certification criteria, discussing how certifiers will be qualified (possibly ISO). It is unknown if this has been resolved in committee.

c. SEAONC CQA – Ross Esfandiari (Reported by Terry Egland)

The committee is working on several ambitious documents. It is joint venturing with CCTIA on a special inspection program guideline and T&I sheet (statement of special inspections) design (DSA is reviewing for possible adoption as well); working on aggregate document that will provide basic info about local aggregate supplies (draft may be on website); a framing inspection document is still in draft stage.

There was discussion regarding concrete curing special inspection requirements in the IBC. How will industry address this new task? It was noted that the requirement is not being enforced in Clark County, which adopted the IBC several years ago.

d. DSA – Dan Cherrier

CCTIA was well represented at the last IT committee meeting. The committee is entertaining a new T&I Sheet being proposed by SEAONC. The effort to get concrete placement back in the hands of testing agency was defeated. The issue regarding non-LEA labs being allowed to do soils testing is still under discussion. They are looking for input from geotechnical community. The subcommittee will make recommendation to full advisory committee.

Under the new Title 24, welding inspection may be periodic like commercial projects. DSA was going to issue an IR to countermand this, but an IR is not Code, so it would not resolve anything. .

As for the wording regarding a welding inspector using all means necessary, the advisory committee has recommended “shall” be dropped and “may” inserted as code change for 2010 code.

Objectives of State Architect for 2008:

- 1. Work on project inspector certification*
- 2. Disciplinary process for labs, special inspectors*
- 3. Concern about inspection of out-of-state manufactured items*
- 4. LEA manual for agencies*
- 5. Provide advice to his own staff*



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DSA's Education & training committee will work with the DSA academy to upgrade training and certification program, provide outreach to school boards that DSA is a kinder, gentler body, and move along training of in-house staff on new code

Dave Thorman and his new assistants will attend CCTIA's February 21st meeting in Sacramento. We will provide an advance list of questions/concerns so he can prepare, to include those items Eric France was unable to answer at last SoCal meeting and concerns about new verified report forms.

e. ACI – Cliff Craig

Northern California/Western Nevada Chapter continues to produce lots of programs. The lab tech cert has been modified to eliminate duplicate tests. ACI is pursuing ISO certification as a testing body.

f. Membership – Mike Parker/Jim Backman

- i. Inland Foundation Engineering – *needs audit*
- ii. RMA Group – *just applying*

g. Code Adoption/IBC – Dan Cherrier

Code change in Title 24 will be difficult under Dennis Billet – he does not hold public comments in high regard.

h. Newsletter – Mike Parker

After much hard work, Mike has indicated he will be retiring as Chair.

i. Internal Auditing – Terry Egland

A draft form for ASTM E605-93 was distributed. Please send your comments to Terry.

j. ASFE RO – Rick Van Horn/Jeff Cannon

CoMET is meeting at Caesars Palace at the same time as this meeting. Nothing more to report at this time. Next meeting will be in the spring.

k. Standard of Practice – Miki Craig

Berlogar has applied for renewal. Committee will meet after this meeting to review.

l. Education – Greg Ruf

Certificates of attendance for the November seminar should be out.

Through the website, we have received an inquiry regarding the availability of plan reading classes in preparation for the ICC exams. Members in attendance were not aware of any, but this may be something CCTIA could offer. Further action to be taken by the Education Committee.

m. FAQ's – Terry Egland/William Wahbeh



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Three FAQ drafts on fireproofing were distributed for comment.

- n. Pins & Honors – William Wahbeh/Mike Parker

No action to report.

- o. Website – Miki Craig

No action to report.

4. Old Business

- a. *None*

5. New Business

- a. Have You Planned for a Pandemic?

DSA Advisory Committee had a guest speaker regarding the next pandemic due this year (every 35 years) – probably will be avian flu. It was suggested that CCTIA members may want to set up a staffing plan for dealing with it.

- b. CCTIA in Review

It was noted that the ABM would be an excellent platform for a “year in review”. Perhaps the newsletter should also include a summary. A member asked where CCTIA’s mission statement could be obtained. How are we reaching out to potential members or other interested parties? It was noted that we should add the development of a strategic plan to this year’s tasks.

6. Adjournment

- a. Time – 12:19 pm
- b. Next meeting – February 21, 2008, Sacramento

Respectfully submitted,
Miki Craig
Acting Secretary

ICC TRI-CHAPTER UNIFORM CODE COMMITTEE (TUCC)



NUMBER: 007

SUB-COMMITTEE: Gary D. Layman Sr., Mark Crain, Keyvan Irannejad

APPROVAL DATE: Draft

REVISED DATE:

SUBJECT: Special Inspections Wood Frame Construction

CODE REFERENCES:

2007 CBC section 1704.1 "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." Exception # 3 exempts Groups R-3 and U occupancies unless required by the building official.

2007 CBC section 1702 **SPECIAL INSPECTION** "Inspection as herein required of the materials, installation, fabrication, erection or placement of components and connections requiring special expertise to ensure compliance with approved construction documents and referenced standards."

2007 CBC section 1702 **CERTIFICATE OF COMPLIANCE** "A certificate stating that materials and products meet specified standards or that work was done in compliance with approved construction documents."

ISSUE (S):

Currently ICC does not have a certification for the special inspection of wood structural components or construction other than that of the certified building inspector. Most special inspectors are certified in a category other than wood frame construction.

PROPOSED GUIDELINES/INTERPRETATION:

Interim Certification (termination date four (4) months after an ICC Special Inspector Exam is available.)

- 1) Minimum Qualifications
 - a) Certification as a Building Inspector or State Licensed P.E
 - b) Mandatory 8 hour TUCC/CALBO training seminar attendance (to be developed.)
- 2) Probationary period; Each city should develop a program for monitoring performance if they don't have one in place and do continual monitoring of the performance of individuals accepted by our city.
- 3) Performance review at four (4) months and retain or deny Interim Certification until:
 - a) The applicant passes the ICC Specialty Exam or
 - b) The applicant waits six (6) months, retakes the mandatory training and passes the probationary review.

Statement of Special Inspections, 2007 CBC

Project:

Location:

This Statement of Special Inspections is submitted in fulfillment of the requirements of CBC Sections 1704 and 1705. Included are:

- Schedule of Special Inspections and tests applicable to this project:
 - Special Inspections per Sections 1704 and 1705
 - Special inspections for Seismic Resistance
 - Special inspections for Wind Resistance
- List of the Testing Agencies and other special inspectors that will be retained to conduct the tests and inspections.

Special Inspections and Testing will be performed in accordance with the approved plans and specifications, this statement and CBC sections 1704, 1705, 1707, and 1708.

The Schedule of Special Inspections summarizes the Special Inspections and tests required. Special Inspectors will refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests and inspections required by the approved plans and specifications will also be performed.

Interim reports will be submitted to the Building Official and the Registered Design Professional in Responsible Charge in accordance with CBC Section 1704.1.2

A Final Report of Special Inspections documenting required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy (Section 1704.1.2). The Final Report will document:

- Required special inspections.
- Correction of discrepancies noted in inspections.

The Owner recognizes his or her obligation to ensure that the construction complies with the approved permit documents and to implement this program of special inspections. In partial fulfillment of these obligations, the Owner will retain and directly pay for the Special Inspections as required in CBC Section 1704.1.

This plan has been developed with the understanding that the Building Official will:

- Review and approve the qualifications of the Special Inspectors who will perform the inspections.
- Monitor special inspection activities on the job site to assure that the Special Inspectors are qualified and are performing their duties as called for in this Statement of Special Inspection.
- Review submitted inspection reports.
- Perform inspections as required by the local building code.

Prepared by:

Registered Design Professional in Responsible Charge

Signature

Date

Owner's Authorization:

Building Official's Acceptance:

Owner

Building Official

Signature

Date

Signature

Date

Schedule of Inspection, Testing Agencies, and Inspectors

The following are the testing agencies and special inspectors that will be retained to conduct tests and inspection on this project.

Responsibility	Firm	Address, Telephone, e-mail
1. Special Inspection (except for geotechnical)	<i>To Be Determined</i>	
2. Material Testing	<i>To Be Determined</i>	
3. Geotechnical Inspections	<i>To Be Determined</i>	
4.	<i>To Be Determined</i>	

Seismic Requirements (Section 1705.3.1)

Description of seismic-force-resisting system and designated seismic systems subject to special inspections as per Section 1705.3:

The extent of the seismic-force-resisting system is defined in more detail in the construction documents.

Wind Requirements (Section 1705.4.1)

Description of main wind-force-resisting system and designated wind resisting components subject to special inspections in accordance with Section 1705.4.2:

The extent of the main wind-force-resisting system and wind resisting components is defined in more detail in the construction documents.

Schedule of Special Inspection

Notation Used in Table:

Column headers:

- C Indicates continuous inspection is required.
 P Indicates periodic inspections are required. The notes and or contract documents should clarify.

Box entries:

- X Is placed in the appropriate column to denote either "C" continuous or "P" periodic inspections.
 --- Denotes an activity that is either a one-time activity or one whose frequency is defined in some other manner.

Additional detail regarding inspections and tests are provided in the project specifications or notes on the drawings.

Verification and Inspection	C	P	Notes
1704.2.1 - Inspect fabricator's fabrication and quality control procedures.	---	---	
Table 1704.3 - Steel			
1. Material verification of high-strength bolts, nuts, and washers.			
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		X	
b. Manufacturer's certificate of compliance required.		X	
2. Inspection of high-strength bolting:			
a. Bearing-type connections.		X	
b. Slip-critical connections	X	X	
3. Material verification of structural steel:			
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	---	---	
b. Manufacturer's mill test reports	---	---	
4. Material verification of weld filler materials:			
a. Identification markings to conform to AWS designation listed in the WPS.	---	---	
b. Manufacturer's certificate of compliance required.	---	---	
5. Inspection of welding:			
a. Structural steel			
1) Complete and partial penetration groove welds.	X		
2) Multipass fillet welds.	X		
3) Single-pass fillet welds > 5/16".	X		
4) Single-pass fillet welds ≤ 5/16".		X	
5) Floor and roof deck welds.		X	
b. Reinforcing steel			
1) Verification of weldability of reinforcing steel other than ASTM A706.		X	
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls, and shear reinforcement.	X		

Verification and Inspection	C	P	Notes
3) Shear reinforcement.	X		
4) Other reinforcing steel		X	
6. Inspection of steel frame joint details for compliance with approved construction documents: a. Details such as bracing and stiffening. b. Member locations. c. Application of joint details at each connection.		X	
1704.3 - Welded studs when used for structural diaphragms.		X	
1704.3 - Welding of cold-formed sheet steel framing members.		X	
1704.3 - Welding of stairs and railing systems.		X	
Table 1704.4 - Concrete			
1. Inspection of reinforcing steel, including prestressing tendons and placement.		X	
2. Inspection of reinforcing steel welding in accordance with Table 1704.3 Item 5b.	--	--	
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	X		
4. Verifying use of required design mix.		X	
5. At time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.	X		
6. Inspection of concrete and shotcrete placement for proper application techniques.	X		
7. Inspection for maintenance of specified curing temperature and techniques.		X	
8. Inspection of prestressed concrete. a. Application of prestressing forces. b. Grouting of bonded prestressing tendons in the seismic force-resisting system.	X X		
9. Erection of precast concrete members.		X	
10. Verification of in-situ concrete strength, prior to stressing of tendons in postensioned concrete and prior to removal of shores and forms from beams and structural slabs.		X	
11. Inspect formwork for shape, location, and dimensions of the concrete member being formed.		X	
Table 1704.5.1 - Level 1 Masonry Inspections.			
1. At the start of masonry construction verify the following to ensure compliance: a. Proportions of site-prepared mortar. b. Construction of mortar joints. c. Location of reinforcement, connectors, prestressing tendons, and anchorages. d. Prestressing technique. e. Grade and size of prestressing tendons and anchorages.		X X X X X	
2. Verify:			

Verification and Inspection	C	P	Notes
a. Size and location of structural elements.		X	
b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.		X	
c. Specified size, grade, and type of reinforcement.		X	
d. Welding of reinforcing bars.	X		
e. Protection of masonry during cold weather (temperature below 40 degrees F) or hot weather (temperature above 90 degrees F)		X	
f. Application and measurement of prestressing force.		X	
3. Prior to grouting verify the following to verify compliance.			
a. Grout space is clean.		X	
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.		X	
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.		X	
d. Construction of mortar joints.		X	
4. Verify grout placement to ensure compliance with code and construction document provisions.	X		
a. Observe grouting of prestressing bonded tendons.	X		
5. Observe preparation of required grout specimens, mortar specimens, and/or prisms.	X		
6. Verify compliance with required inspection provisions of the construction documents and the approved submittals.		X	
Table 1704.5.3 - Level 2 Masonry Inspections			
1. From the beginning of masonry construction the following shall be verified to ensure compliance:			
a. Proportions of site-prepared mortar, grout, and prestressing grout for bonded tendons.		X	
b. Placement of masonry units and construction of mortar joints.		X	
c. Placement of reinforcement, connectors and prestressing tendons and anchorages.		X	
d. Grout space prior to grouting.	X		
e. Placement of grout.	X		
f. Placement of prestressing grout.	X		
2. Verify:			
a. Size and location of structural elements.		X	
b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames and other construction.	X		
c. Specified size, grade, and type of reinforcement.		X	
d. Welding of reinforcing bars.	X		

Verification and Inspection	C	P	Notes
e. Protection of masonry during cold weather (temperature below 40 degrees F) or hot weather (temperature above 90 degrees F).		X	
f. Application and measurement of prestressing force.	X		
3. Preparation of any required grout specimens, mortar specimens, and/or prisms shall be observed.	X		
4. Compliance with required provisions of construction documents and the approved submittals shall be verified.		X	
1704.6 - Inspect prefabricated wood structural elements and assemblies in accordance with Section 1704.2	--	--	
1704.6 - Inspect site built assemblies.	--	--	
1704.6.1 - Inspect high-load diaphragms:			
1. Verify grade and thickness of sheathing.	--	--	
2. Verify nominal size of framing members at adjoining panel edges.	--	--	
3. Verify: <ul style="list-style-type: none"> • Nail or staple diameter and length, • Number of fastener lines, • Spacing between fasteners in each line and at edge margins. 	--	--	
Table 1704.7 - Inspection of Soils			
1. Verify materials below footings are adequate to achieve the desired bearing capacity.		X	
2. Verify excavations are extended to proper depth and have reached proper material.		X	
3. Perform classification and testing of controlled fill materials.		X	
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	X		
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.		X	
Table 1704.8 - Pile Foundations			
1. Verify pile materials, sizes and lengths comply with the requirements.	X		
2. Determine capacities of test piles and conduct additional load tests, as required.	X		
3. Observe driving operations and maintain complete and accurate records for each pile.	X		
4. Verify locations of piles and their plumbness. <ol style="list-style-type: none"> a. Confirm type and size of hammer. b. Record number of blows per foot of penetration. c. Determine required penetrations to achieve design capacity. d. Record tip and butt elevations and record any pile damage. 	X		

Verification and Inspection	C	P	Notes
5. For steel piles, perform additional inspections in accordance with Section 1704.3.	--	--	
7. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	--	--	
8. For augered uncased piles and caisson piles, perform inspections in accordance with Section 1704.9.	--	--	
Table 1704.9 - Pier Foundations			
1. Observe drilling operations and maintain complete and accurate records for each pier.	X		
2. Verify locations of piers and their plumbness. Confirm: <ul style="list-style-type: none"> • Pier diameters, • Bell diameters (if applicable), • Lengths, embedment into bedrock (if applicable), • Adequate end strata bearing capacity. 	X		
1704.10 - Sprayed Fire-Resistant Materials			
1. Inspect surface for accordance with the approved fire-resistance design and the approved manufacturer's written instructions.	--	--	
2. Verify minimum ambient temperature before and after application.	--	--	
3. Verify ventilation of area during and after application.		X	
4. Measure average thickness per ASTM E605 and Section 1704.10.3.	--	--	
5. Verify density of material for conformance with the approved fire-resistant design and ASTM E605.	--	--	
6. Test cohesive/adhesive bond strength per Section 1704.10.5.	--	--	
1704.11 - Mastic and Intumescent Fire-Resistant Coating			
1704.12 - Exterior Insulation and Finish Systems (EIFS)			
1704.13 - Alternate Materials and Systems			
1704.14 - Smoke Control System			
1705.3 - Seismic Resistance			
1705.3 [4.3]- Suspended ceiling systems and their anchorage.	--	--	
1705.4 Wind Resistance			
1705.4.2	--	--	
1. Roof cladding and roof framing connections.	--	--	
2. Wall connections to roof and floor diaphragms and framing.	--	--	
3. Roof and floor diaphragm systems, including collectors, drag struts and boundary elements	--	--	

Verification and Inspection	C	P	Notes
4. Vertical wind-force-resisting systems, including braced frames, moment frames, and shear walls.	--	--	
5. Wind-force-resisting system connections to the foundation.	--	--	
6. Fabrication and installation of systems or components required to meet the impact resistance requirements of Section 1609.1.2.	--	--	
Special Inspections for Seismic Resistance			
1707.2 - Special inspection for welding in accordance with AISC 341.	X		
1707.3 - Structural Wood			
1. Inspect field gluing operations of elements of the seismic-force-resisting system.	X		
2. Inspect nailing, bolting, anchoring, and other fastening of components within the seismic-force-resisting system, including: <ul style="list-style-type: none"> • wood shear walls, • wood diaphragms, • drag struts, braces, • shear panels, • hold-downs. 		X	
1707.4 - Cold-Formed Steel Framing			
1. Welding of elements of the seismic-force-resisting system.		X	
2. Inspection of screw attachments, bolting, anchoring, and other fastening of components within the seismic-force-resisting system including struts, braces, and hold-downs.		X	
1707.5 - Pier Foundations			
1. Placement of reinforcing		X	
2. Placement of concrete	X		
1707.6 - Anchorage of storage racks and access floors 8 feet or greater in height.			
1707.7 - Architectural Components			
1. Inspect erection and fastening of exterior cladding weighing more than 5 psf.		X	
2. Inspect erection and fastening of interior and exterior non-bearing walls weighing more than 15 psf.		X	
3. Inspect erection and fastening of interior and exterior veneer weighing more than 5 psf.		X	
1707.8 - Mechanical and Electrical Components			
1. Inspect anchorage of electrical equipment for emergency or stand-by power systems.		X	
2. Inspect anchorage of non-emergency electrical equipment.		X	
3. Inspect installation of piping systems and associated mechanical units carrying flammable, combustible, or highly toxic contents.		X	
4. Inspect installation of HVAC ductwork that contains hazardous materials.		X	
5. Inspect installation of vibration isolation systems where required by Section 1707.8.		X	

Verification and Inspection	C	P	Notes
1707.9 - Verify that the equipment label and anchorage or mounting conforms to the certificate of compliance when mechanical and electrical equipment must be seismically qualified.	--	--	
1707.10 - Seismic isolation system: Inspection of isolation system per ASCE 7 – Section 17.2.4.8		X	
1708.1 - Masonry Testing for Seismic Resistance			
1708.1.1 - Verify certificates of compliance prior to construction.	--	--	
1708.1.2 - Verification of f'_m and f'_{AAC} prior to construction.	--	--	
1708.1.2 - Verification of f'_m and f'_{AAC} every 5000 square feet during construction.		X	
1708.1.4 - Verification of proportions of materials in mortar and grout as delivered to the site.	--	--	
1708.3 - Obtain mill certificates for reinforcing steel, verify compliance with approved construction documents, and verify steel supplied corresponds to certificate.	--	--	
1708.4 - Structural Steel: Invoke the QAP Quality Assurance requirements in AISC 341.	--	--	
1708.5 - Obtain certificate that equipment has been tested per Section 1708.5.	--	--	
1708.6 - Obtain system tests as required by ASCE 7 Section 17.8.	--	--	



STRUCTURAL ENGINEERS ASSOCIATION OF NORTHERN CALIFORNIA

2007-2008

PRESIDENT
Bret Lizundia, SE

December 12, 2007

VICE PRESIDENT
Reinhard Ludke, SE

Dear Building Official,

SECRETARY
Kate Stillwell, SE

SEAONC has developed a model form for implementation of the Statement of Special Inspections required by Section 1705 of the 2007 CBC. We are providing you a copy of our model document with the request that you consider adopting it or allowing its use in your jurisdiction.

TREASURER
Peter Lee, SE

DIRECTORS
Greg Deierlein, PhD
Grace Kang, SE
Mark Ketchum, SE
Peter Revelli, SE

Our focus has been on addressing the requirements for the Statement of Special Inspections defined in Chapter 17. In developing this document we have drawn upon the ICC "Model Program for Special Inspections" and the practices of jurisdictions throughout the country.

PAST PRESIDENT
Douglas Hohbach, SE

EXECUTIVE SECRETARY
Ken Miles

This model document is intended to be edited by the design professionals to reflect the tests and inspection requirements for each project. Thus, it is recommended that this document be made available in an editable electronic format.

Early next year, SEAONC will be publishing a commentary on the special inspection provisions which we hope will be useful to you as well as our members in interpreting the special inspection provisions.

This document was prepared by the SEAONC Construction Quality Assurance Committee. If you have any questions or wish to discuss the document, please contact Mr. Tim Hart, the committee chair, at hart@dasse.com or cqa@seaonc.org.

Sincerely,

Bret Lizundia
SEAONC President 2007-2008