

**Ken Hinshaw**

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**From:** "Taryn N. Stubblefield" <TNStubblefield@sgh.com>  
**To:** "Ken Hinshaw" <KenL@redshift.com>  
**Cc:** "Lowell Northrop" <LowellNor@aol.com>; "Carolyn L. Searls" <CLSearls@sgh.com>  
**Sent:** Monday, January 10, 2011 11:09 AM  
**Attach:** Members\_providing.pdf  
**Subject:** RE: Pt. Pinos Lighthouse

Hello Ken,

Given the technical nature of the problems with the Pt. Pinos lighthouse, I recommend contacting an engineer (rather than an architect). I can recommend contacting the following firms, whose work we are familiar with:

1. Wiss Janney Elstner, Emeryville – they offer a similar suite of services as SGH, including materials testing capabilities. See attached sheet for contact information.
2. Tennebaum-Manheim Engineers, San Francisco - <http://www.tmesf.com/>, contact Nancy Tennebaum. This is a structural engineering firm with a great deal of experience with historic structures.

If you're interested in looking into other firms, particularly firms closer to Monterey, please see the attached form compiled by SEAONC, the Structural Engineers Association of Northern California. The list includes several Bay Area and Santa Cruz area firms, and lists the types of services provided by each firm.

Sincerely,

**Taryn N. Stubblefield, S.E. (CA, HI)**

Senior Staff II - Building Technology

**SIMPSON GUMPERTZ & HEGER**

415.495.3700 main  
 415.343.3070 direct  
 415.495.3550 fax  
[www.sgh.com](http://www.sgh.com)

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**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Saturday, January 08, 2011 4:44 PM  
**To:** Taryn N. Stubblefield  
**Cc:** Lowell Northrop  
**Subject:** Re: Pt. Pinos Lighthouse

Taryn: Thank you for taking the time to put together a proposal. I think I am trying to play in the wrong league. I explained to Carolyn our tight budget and volunteer nature of our operation. Perhaps you could refer me to a small engineering office who could give us some guidance and that would welcome a day of serious work for a reasonable amount of remuneration.

Ken Hinshaw,  
 Preservation Coordinator Pt. Pinos Lighthouse

----- Original Message -----

**From:** Taryn N. Stubblefield  
**To:** KenL@redshift.com  
**Cc:** LowellNor@aol.com ; Carolyn L. Searls  
**Sent:** Wednesday, January 05, 2011 3:25 PM  
**Subject:** Re: Pt. Pinos Lighthouse

Hello Ken and Lowell,

I work with Carolyn Searls, and we discussed your recent e-mails about the Pt. Pinos lighthouse today. I understand you previously corresponded with Carolyn about the construction and condition of the structure, and the need to address cracking of the masonry (apparently caused by corrosion of reinforcement). I also understand you have a limited budget to investigate and repair the structure.

Carolyn and I think a phased approach to the investigation/repairs may work well for you: we can send you a proposal for us to make a 1-day site visit to look at the building, and review any drawings and maintenance records available on site; then we can write you a letter describing what we saw, what might be happening, and recommend further testing or analysis (if needed) to develop repair recommendations. We can start with this initial site visit and letter, and you can decide from there how to proceed. At your request, we can then send you proposals for further testing or analysis following our initial visit.

We'd like to discuss this by phone, just to make sure we've got the right information and are addressing what you need. Would you send us your number, or call us at 415-495-3700? We'll also need to know whom to address the proposal to.

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**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Wednesday, January 05, 2011 9:19 AM  
**To:** Carolyn L. Searls  
**Cc:** Lowell Northrop; Dennis Tarmina; Steve Honegger  
**Subject:** Pt. Pinos Lighthouse

Carolyn: After you spoke at the workshop in Monterey I contacted you about our problems at Pt. Pinos Lighthouse. You may remember that the masonry tower was rebuilt after the '06 earthquake with iron reinforcement rapped in steel cables. Subsequent moisture damage has caused the iron to expand cracking the masonry tower. I traded several very informative e-mails with your staff after our first contact. The upshot was that we probably could not afford the level of analysis that was being recommended let alone the repairs. Last time I checked we had about \$50,000 on hand to do maybe \$1,000,000 worth of work on the whole building including lead paint removal foundation work and on and on. Would it be possible for someone in your firm to look at the situation and what we have done and come up with recommendations for us so that we can minimize the damage at a price point we can afford? I know this is asking for allot, thanks for your help.

Ken Hinshaw

Preservation Coordinator, Pt. Pinos Lighthouse

**Ken Hinshaw**

---

**From:** <LowellNor@aol.com>  
**To:** <KenL@redshift.com>  
**Sent:** Tuesday, January 18, 2011 6:39 PM  
**Subject:** Re: Pt Pinos, e-mail to Carolyn Searls

In a message dated 1/18/11 5:18:44 PM, KenL@redshift.com writes:

| Folks: attached is the first draft of the letter. Let me know what you think

Hi, Ken,

First the crack is 18 inches below the floor of the lantern room. Below is what I think needs to be said, or, as it may be said, my two cents worth:

There is only one situation that we need to have addressed - the condition of the iron and concrete at the level where the bottom of the astragals meet the iron ring to which they are connected.

We want to know if destruction is ongoing or complete.

If the destruction is ongoing we want to know what we can do to stop it.

We want to know what to do with the crack in the concrete in either case.

Respectfully submitted ;-)

Lowell

1/18/2011

To Carolyn Searls:  
CC. Taryn Stubblefield

Re: Assessment of damaged masonry at Pt. Pinos Lighthouse

Carolyn: I may have erred in rejecting the proposal you made in January because of the cost. The preservation committee has been discussing the situation and we may want to reconsider. I want to be sure to clearly describe the issues that we would like addressed: The historic structure report done two years ago pointed out a continuous horizontal hairline crack on the inside of the poured concrete tower about 23 inches below the floor of the lantern room. Further research indicates that this corresponds with the iron ring buried in the concrete that the vertical iron members of the lantern room are bolted onto. This iron ring rests on a lead cushion of unknown thickness. This crack can be seen on the exterior where the plaster has loosened.

We have taken measures over the past year to minimize moisture intrusion into the masonry. We would like to know if these efforts are adequate and if we should seal up the crack, perhaps injecting epoxy into the opening.

Thanks for your help.

Ken Hinshaw, Preservation Coordinator Pt. Pinos Lighthouse

## **Ken Hinshaw**

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**From:** "Taryn N. Stubblefield" <TNStubblefield@sgh.com>  
**To:** "Ken Hinshaw" <KenL@redshift.com>  
**Cc:** "Carolyn L. Searls" <CLSearls@sgh.com>  
**Sent:** Thursday, January 06, 2011 9:02 AM  
**Subject:** RE: Pt. Pinos Lighthouse

Good morning Ken,

Our fees for a 1-day site visit and follow-up letter would be about \$4,500. If this works for your budget, I can send you a formal proposal today. Please let me know to whom the proposal should be addressed.

Sincerely,

**Taryn N. Stubblefield, S.E. (CA, HI)**

Senior Staff II - Building Technology

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**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Wednesday, January 05, 2011 5:38 PM  
**To:** Taryn N. Stubblefield  
**Subject:** Re: Pt. Pinos Lighthouse

Taryn: That sounds perfect. What would be the cost?  
Ken

----- Original Message -----

**From:** Taryn N. Stubblefield  
**To:** KenL@redshift.com  
**Cc:** LowellNor@aol.com ; Carolyn L. Searls  
**Sent:** Wednesday, January 05, 2011 3:25 PM  
**Subject:** Re: Pt. Pinos Lighthouse

Hello Ken and Lowell,

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Carolyn and I think a phased approach to the investigation/repairs may work well for you: we can send you a proposal for us to make a 1-day site visit to look at the building, and review any drawings and maintenance records available on site; then we can write you a letter describing what we saw, what might be happening, and recommend further testing or analysis (if needed) to develop repair recommendations. We can start with this initial site visit and letter, and you can decide from there how to proceed. At your request, we can then send you proposals for further testing or analysis following our initial visit.

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1/6/2011

Sincerely,

**Taryn N. Stubblefield, S.E. (CA, HI)**

Senior Staff II - Building Technology

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**From:** Ken Hinshaw [mailto:KenL@redshift.com]

**Sent:** Wednesday, January 05, 2011 9:19 AM

**To:** Carolyn L. Searls

**Cc:** Lowell Northrop; Dennis Tarmina; Steve Honegger

**Subject:** Pt. Pinos Lighthouse

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Ken Hinshaw

Preservation Coordinator, Pt. Pinos Lighthouse

**Ken Hinshaw**

---

**From:** "Cullen Chambers" <tybeelh@bellsouth.net>  
**To:** "Ken Hinshaw" <KenL@redshift.com>  
**Sent:** Thursday, January 20, 2011 10:00 AM  
**Subject:** Re: Pt. Pinos

Ken I have seen lead used in a variety of applications in lighthouses. Often it was used to fill gaps between deck plates. I have also seen it used in the manner you observed at Point Pinos as a type of cushion for iron elements. It would provide a type of expansion plate between masonry and iron material. Typically it is installed as a narrow sheet rather than in a molten form as the heat in molten lead could cause damage to softer porous material. Not surprised about the iron ring as that system is typical in lighthouses as well to connect and secure the astragals  
. Hope all is well with you folks. Always feel free to contact me at anytime for information. Sincerely, Cullen

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**From:** Ken Hinshaw <KenL@redshift.com>  
**To:** Cullen Chambers <TybeelH@bellsouth.net>  
**Cc:** Lowell Northrop <LowellNor@aol.com>  
**Sent:** Thu, January 20, 2011 12:20:34 AM  
**Subject:** Pt. Pinos

Cullen: Lowell Northrop and myself are still trying to understand the horizontal crack that you discovered running around the tower. Our research shows that there is an iron ring buried 13 inches below the floor of the lantern room that corresponds to the crack. As you probably already know the astragals are bolted to this ring. The blueprints show that this ring sets on lead. Is this something you have seen before? Is it sheet lead used as a thin bedding material, or a thicker layer, maybe poured molten, used to level the ring. Can you shed any light on this? Thanks for your ongoing help.  
Ken Hinshaw, Preservation Coordinator  
Pt. Pinos Lighthouse  
Pacific Grove, Ca.

**Ken Hinshaw**

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**From:** <LowellNor@aol.com>  
**To:** <kenl@redshift.com>  
**Sent:** Sunday, January 16, 2011 9:54 PM  
**Subject:** The First Email from Searls

Hi Ken and Lowell, October 25,2010

You both inquired about the Pt. Pinos lighthouse. I understand that the concrete may have embedded lead, wrought iron and steel. I posed your questions to our chemist and received the following reply:

"Lead is amphoteric. This means that it can function as either an acid or a base. Amphoteric metals can exist as either the M<sup>+</sup> (in acid), an anionic form MO<sup>-</sup>(in base), and at neutral pH are typically very stable.

For concrete applications, this means that lead metal will react with fresh concrete and with lime, but not readily with carbonated concrete surfaces. The high pH environment of concrete will have caused some deterioration of the lead early in its installation. Lead tends to form protective lead carbonate and lead oxide coatings. However, lead chlorides are slightly soluble, and may contribute to loss of lead from the exposed surfaces. Thus for the case being discussed below, the lead may have been continually dissolving over the last century.

Lead is more noble than iron, which means that the wrought iron ring that is being discussed below may be sacrificial to the lead sheathing it. (the opposite of zinc coatings, where zinc protects iron substrates).

Lead that is partially exposed to the air, and partially embedded in concrete will develop its own galvanic cell. The portion exposed to the air will become cathodic to the embedded lead, resulting in deterioration of the embedded lead.

Thus, it is likely that the lead is corroding, and may be contributing to iron corrosion.

It is unlikely that lead corrosion products are causing the cracks since lead is soft. However, the wrought iron may be corroding (galvanic cells with the lead, chloride-induced corrosion, etc.) and developing expansive stresses."

Also, since lead is soft, it can creep and deform over time. (you sometimes see this in stained glass windows.)

So, while we could do a survey of just the corrosion of one material, I think a comprehensive look at the structure would be best. This would include a review of available drawings and maintenance records, visual survey, some corrosion testing, making some inspection openings, and materials testing and a structural analysis, if required.

Let me know if you need anything else.

Carolyn L. Searls, P.E. (CA, WA), LEED AP  
Senior Principal, Vice President

SIMPSON GUMPERTZ & HEGER  
415.495.3700 main  
415.343.3044 direct 415.652.4497 mobile 415.495.3550 fax www.sgh.com



I work with Carolyn Searls, and we discussed your recent e-mails about the Pt. Pinos lighthouse today. I understand you previously corresponded with Carolyn about the construction and condition of the structure, and the need to address cracking of the masonry (apparently caused by corrosion of reinforcement). I also understand you have a limited budget to investigate and repair the structure.

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**Sent:** Wednesday, January 05, 2011 9:19 AM

**To:** Carolyn L. Searls

**Cc:** Lowell Northrop; Dennis Tarmina; Steve Honegger

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Ken Hinshaw

Preservation Coordinator, Pt. Pinos Lighthouse

# Structural Engineers Association of Northern California

## Members Providing Services



www.seaonc.org

**Ahearn, Knox & Hyde, Inc.**  
 1505 Meridian Ave., Suite B  
 San Jose, CA 95125  
 Telephone: 408/978-1970  
 Fax: 408/267-7919  
 Contact: Dennis B. Ahearn

Project Types:

		03		05	
06	07	08			
11			14	15	

**Stick Frame**  
 950 63rd Street  
 Emeryville, CA 94608  
 Telephone: 415/250-8473  
 Fax:  
 Contact: Erik B. Andersen

Project Types:

01	02	03		05	
06					

**Weir/Andrewson Associates**  
 990 "A" Street, Suite "K"  
 San Rafael, CA 94901  
 Telephone: 415/485-9797  
 Fax: 415/485-9799  
 Contact: Roy Andrewson

Project Types:

01	02	03	04	05	
06	07	08			
11			14	15	

**Habitat Engineering & Forensics**  
 446 17th Street, Suite 300  
 Oakland, CA 94612  
 Telephone: 510/891-0300  
 Fax: 510/891-0333  
 Contact: Fariborz Barzegar, Ph.D., P.E.

Project Types:

01	02	03	04	05	
06	07	08		10	
11	12	13	14	15	16

**Biggs Cardoso Associates, Inc.**  
 1871 The Alameda, Ste. 200  
 San Jose, CA 95126  
 Telephone: 408-296-5515  
 Fax: 408/296-8114  
 Contact: Stephen A. Biggs

Project Types:

	02	03	04	05	
06	07	08	09		
11	12	13		15	

**David Bonowitz, S.E.**  
 605A Baker St.  
 San Francisco, CA 94117  
 Telephone:  
 Fax:  
 Contact: David Bonowitz

Project Types:

01	02	03	04		
06	07	08			
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**Sure Engineers, Inc.**  
 640 Bancroft Ave.  
 San Leandro, CA 94577  
 Telephone: 510/639-1830  
 Fax: 510/639-1840  
 Contact: Carl Chan

Project Types:

	12	13			

**Rinne & Peterson, Structural Engineers**  
 1121 San Antonio Road, Suite C200  
 Palo Alto, CA 94303-4311  
 Telephone: 650/428-2860  
 Fax: 650/428-2861  
 Contact: Patrick Chow

Project Types:

01		03		05	
06	07	08			
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**Thomas P. Christian, Structural Eng.**  
 267 4th Street  
 Oakland, CA 94607-4331  
 Telephone: 510/452-2488  
 Fax: 510/893-0407  
 Contact: Thomas P. Christian

Project Types:

		03	04	05	
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**Wiss Janney Elstner Associates Inc.**  
 2200 Powell St  
 Emeryville, CA 94608  
 Telephone: 925/708-0143  
 Fax: 925/284-5749  
 Contact: Kelly E. Cobeen

Project Types:

01	02	03	04	05	
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**CD Comartin, Inc.**  
 7683 Andrea Avenue  
 Stockton, CA 95207  
 Telephone: 209/472-1221  
 Fax: 209/472-7294  
 Contact: Craig D. Comartin

Project Types:

			04		
06	07	08			
			14	15	

**TranSystems Corp**  
 180 Grand Ave, Suite 400  
 Oakland, CA 94612-3741  
 Telephone: 510/835-2761  
 Fax: 510/835-9839  
 Contact: Marian Rule Cope

Project Types:

		03	04	05	
06	07	08			
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**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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Updated May 2009

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Updated May 2009

# Structural Engineers Association of Northern California Members Providing Services

## Wiss Janney Elstner Associates

2200 Powell Street, Suite 925  
Emeryville, CA 94608  
Telephone: 510/428-2907  
Fax: 510/428-0456

Contact: Paul Eugene Cox

### Project Types:

01	02	03	04	05	
	07	08	09		
11			14	15	

## Dack Development and Engineering

38870 Altura Street  
Fremont, CA 94536  
Telephone: 510/793-1130  
Fax: 510/894-3130

Contact: Thomas M. Dack

### Project Types:

01		03	04	05	
06	07	08			
			14		

## H. J. Brunner Associates

55 New Montgomery St., #608  
San Francisco, CA 94105  
Telephone: 415/781-0370  
Fax: 415/541-7709

Contact: Michael Davies

### Project Types:

01		03	04	05	
06	07	08			
11				15	16

## A. DeMascole, Consulting Engineer

3420 Market Street, #6  
San Francisco, CA 94114-2743  
Telephone: 415/821-1588  
Fax: 415/643-0728

Contact: Anthony DeMascole

### Project Types:

01	02	03			
06	07	08			
		13			

## Holmes Culley Structural Engineers

130 Sutter St., Ste 400  
San Francisco, CA 94101  
Telephone: 415/693-1600  
Fax: 415/693-1760

Contact: Richard (Dick) C. Dreyer

### Project Types:

01	02	03	04	05	
06	07	08			
11	12		14	15	16

## ESE Consulting Engineers, Inc.

1060 Grant Street, Suite 3D  
Benicia, CA 94510  
Telephone: 707/747-1755  
Fax: 707/747-6538

Contact: Hadieh J. Elias

### Project Types:

		03	04	05	
06	07	08			
			14	15	

## Engle & Engle, Structural Engineers

P.O. Box 1179  
Ross, CA 94957-1179  
Telephone: 415/455-8590  
Fax: 415/455-8592

Contact: Harold M. Engle Jr.

### Project Types:

		03	04	05	
06	07	08			
11			14	15	

## Ideal Design & Engineering

18651 Mt. Lassen Drive  
Castro Valley, CA 94552  
Telephone: 510/889-7506  
Fax: 510/889-7506

Contact: Farzin Eshtehar

### Project Types:

01		03	04	05	
				15	

## ZFA Structural Engineers

1212 Fourth Street, Suite Z  
Santa Rosa, CA 95404  
Telephone: 707/526-0992  
Fax: 707/526-0217

Contact: Dennis A. Fagent

### Project Types:

01	02	03	04	05	
06	07	08			
11			14	15	

## SDC / Structural Engineering, Inc.

2433 Mariner Square Loop #202  
Alameda, CA 94501  
Telephone: 510/769-6603  
Fax:

Contact: Henry Talbot Fairbairn

### Project Types:

01	02	03	04	05	
06	07	08			
				15	

## Pacific Earthquake Engineering Research

325 Davis Hall, MC1792  
Berkeley, CA 94720  
Telephone: 510/642-3462  
Fax: 510/642-1665

Contact: Heidi Faison

### Project Types:


## Fratessa Forbes Wong

487 8th Street  
Oakland, CA 94607-3936  
Telephone: 510/452-2283  
Fax: 510/452-0830

Contact: Michael A. Forbes

### Project Types:

		03	04	05	
06	07	08			

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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Updated May 2009

# Structural Engineers Association of Northern California

## Members Providing Services

### Division of the State Architect

1515 Clay St  
Oakland, CA 94612  
Telephone: 510-622-2283  
Fax: 510-622-3073

Contact: Michael T Fretz

Project Types:

	02	03	04	05	
06	07	08	09		
11	12	13		15	16

### Forell-Elsser Engineers, Inc.

160 Pine St, 6th Floor  
San Francisco, CA 94111  
Telephone: 415/837-0700  
Fax: 415/837-0800

Contact: David Alan Friedman

Project Types:

		03	04	05	
06	07	08			
			14	15	16

### Earthquake Construction Service

5427 Telegraph Avenue  
Oakland, CA 94609  
Telephone: 800/369-1212  
Fax:

Contact: James Gillett

Project Types:

01			04		
06	07				
11					

### Ralph Gareth Gray Arch. & Struct. Engr.

1001 Merced Street  
Berkeley, CA 94707-2521  
Telephone: 510/524-8958  
Fax:

Contact: Ralph Gareth Gray

Project Types:

	07				
			14		

### Testing Engineers

2811 Teagarden Street  
San Leandro, CA 94577  
Telephone: 510-835-3142  
Fax: 510/834-3777

Contact: Peter M. Grossman

Project Types:

	07	08	09		
			14		

### OLMM Consulting Engineers

1404 Franklin Street, Suite 350  
Oakland, CA 94612  
Telephone: 510/433-0828  
Fax: 510/433-0829

Contact: Sunil Gupta, PhD S.E.

Project Types:

	02	03	04	05	
	07	08			
				15	

### H.C.G. Associates, Inc.

1 Embarcadero Center, Suite 500  
San Francisco, CA 94111  
Telephone: 415/291-9180  
Fax: 510/271-8328

Contact: Darrel Harris

Project Types:

01	02	03	04	05	
06	07	08			
	12			15	

### H.C.G. Associates, Inc.

220 4th Street, Suite 210  
Oakland, CA 94607  
Telephone: 510/271-1820  
Fax: 510/271-8328

Contact: Darrel Harris

Project Types:

01	02	03	04	05	
06	07	08			
	12			15	

### US Soils

973 Linda Vista Avenue, Unit A  
Mountain View, CA 94043-1949  
Telephone: 650/969-1985  
Fax:

Contact: Charles H. Hartsog

Project Types:

01	02	03	04	05	
	07				10
	12	13			

### D/PM Incorporated

12645 Brookpark Road  
Oakland, CA 94619-3134  
Telephone: 510/482-9649  
Fax: 510/482-9659

Contact: David Michael Helmich

Project Types:

01	02	03	04	05	
06	07	08			
11				15	

### Fulcrum Structural Engineers

665 Third Street, Suite 333  
San Francisco, CA 94107  
Telephone: 415/543-0161  
Fax: 415/543-0162

Contact: Michael L Hicks

Project Types:

01	02	03	04	05	
		08			
	12	13		15	

### Hobach-Lewin, Inc.

260 Sheridan Avenue, Suite 150  
Palo Alto, CA 94306  
Telephone: 650/617-5930  
Fax: 650/617-5932

Contact: Douglas C. Hohbach

Project Types:

01	02	03	04	05	
06	07	08			
11	12		14	15	

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# Structural Engineers Association of Northern California

## Members Providing Services

**Cecil H. Wells, Jr. & Associates, Inc.**  
 1700 S Amphlett Blvd., Ste 215  
 San Mateo, CA 94402  
 Telephone: 650/345-3554  
 Fax: 650/345-3885  
 Contact: Richard A. Holm

Project Types:

01	02	03	04	05
06	07	08		
11	12	13	14	15

**URS**  
 1333 Broadway, Ste 800  
 Oakland, CA 94612  
 Telephone: 415/722-0556  
 Fax: 510/874-3268  
 Contact: Stephen Hom

Project Types:

01	02	03	04	05	
06	07	08			
11	12	13	14	15	16

**Hoogerwerf Engineering Group, Inc.**  
 6489 Camden Avenue, Ste. 204  
 San Jose, CA 95120  
 Telephone: 408/323-2000  
 Fax: 408/323-2005  
 Contact: Bradley Allen Hoogerwerf

Project Types:

	02	03		05
	07	08		

**Ingraham/DeJesse Associates, Inc.**  
 1629 Telegraph Avenue, Ste. 300  
 Oakland, CA 94612-2114  
 Telephone: 510/834-1629  
 Fax: 510/836-1629  
 Contact: Nellie Ingraham

Project Types:

01	02	03	04	05
06	07	08		
11				15

**David Inlow, SE**  
 1314 Fountain Street  
 Alameda, CA 94501  
 Telephone: 510/337-0263  
 Fax: 510/337-0501  
 Contact: David Neely Inlow

Project Types:

01		03	04	05	
06	07	08			
11			14	15	16

**Ireland Engineering**  
 43551 Mission Blvd., Ste 110  
 Fremont, CA 94539  
 Telephone: 510/438-9632  
 Fax: 510/438-0689  
 Contact: Michael D. Ireland

Project Types:

		03	04	05
06	07	08		

**Enginious Structures**  
 1904 Franklin St., Penthouse Suite  
 Oakland, CA 94612  
 Telephone: 510/272-9999  
 Fax: 510/272-9982  
 Contact: Alexander B. Itsekson

Project Types:

01	02	03	04	05
06	07	08		
			14	15

**Tri-Valley Engineering, Inc.**  
 309 N. Livermore Avenue  
 Livermore, CA 94551  
 Telephone: 925/606-1117  
 Fax: 925/606-1141  
 Contact: William G. Jones

Project Types:

01	02	03	04	05
06	07	08	09	
11	12	13	14	15

**BEAR Testing Laboratory**  
 2618 Bayshore Parkway  
 Mountain View, CA 94043-1830  
 Telephone: 650/964-1107  
 Fax: 650/964-1108  
 Contact: Neal Kanaya

Project Types:

	07		09	

**Joshua B Kardon & Co**  
 1930 Shattuck Ave., Suite C  
 Berkeley, CA 94704-1022  
 Telephone: 510/548-1892  
 Fax: 510/548-1895  
 Contact: Joshua B. Kardon, Ph.D.

Project Types:

01	02	03	04	05
06	07	08		
11	12	13	14	15

**Structural Engineers Collaborative**  
 220 Montgomery Street, Ste. 439  
 San Francisco, CA 94104  
 Telephone: 415/989-4466  
 Fax: 415/989-8980  
 Contact: Michael Kaszpurenko

Project Types:

	02	03	04	05
06	07	08		
11			14	15

**KPW Structural Engineers Inc.**  
 337 17th Street, Suite 216  
 Oakland, CA 94612  
 Telephone: 510/208-3300  
 Fax: 510/208-3303  
 Contact: Jon P. Kiland

Project Types:

	02	03	04	05	
06	07	08			
			14	15	16

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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# Structural Engineers Association of Northern California Members Providing Services

**Charles Kircher & Associates**  
1121 San Antonio Rd Ste D-202  
Palo Alto, CA 94303-4311  
Telephone: 650/968-3939  
Fax: 650/968-0960  
Contact: Charles A. Kircher

Project Types:

	07	08		
			14	15

**Structural Engineers Inc.**  
4970 El Camino Real, Suite 100  
Los Altos, CA 94022  
Telephone: 650/938-2200  
Fax: 650/938-5538  
Contact: Samuel Jay Koerper

Project Types:

01	02	03	04	05	
06	07	08			
11	12			15	16

**Kraft Structural Engineers, Inc.**  
9000 Crow Canyon Rd., Ste. S, #117  
Danville, CA 94506-1175  
Telephone: 925/736-4330  
Fax: 925/736-4028  
Contact: Ronald K. Kraft

Project Types:

		03	04	05
06	07	08		
11	12		14	15

**Ralph Hueston Kratz, Structural Eng.**  
724 McLaughlin Street  
Richmond, CA 94805-1402  
Telephone: 510/236-6668  
Fax: 510/215-2430  
Contact: Ralph Hueston Kratz

Project Types:

01				05
06	07	08		

**Alan Kropp & Associates, Inc.**  
2140 Shattuck Avenue, Ste. 910  
Berkeley, CA 94704-1230  
Telephone: 510/841-5095  
Fax: 510/841-8357  
Contact: Alan L. Kropp

Project Types:

01	02	03	04	05
06	07	08		10
		13	14	

**Le Balanger Associates**  
6022 Monterey Avenue  
Richmond, CA 94805-1225  
Telephone: 510/237-6200  
Fax: 510/237-6262  
Contact: Eric J.P. Le Balanger

Project Types:

01	02	03	04	05
06	07	08		
11	12	13		15

**Toft, deNevers & Lee**  
111 Maiden Lane, Suite 500  
San Francisco, CA 94108-5329  
Telephone: 415/421-0375  
Fax: 415/421-2966  
Contact: Calvin C. Lee

Project Types:

01	02	03	04	05
06	07	08		
11				15

**Paradigm Structural Engineers Inc.**  
450 Sansome Street, 5th Floor  
San Francisco, CA 94111  
Telephone: 415/362-8944  
Fax: 415/362-8945  
Contact: Kurt R. Lindorfer

Project Types:

	02	03		05
06				

**Liftech Consultants, Inc.**  
344 20th Street, Suite 360  
Oakland, CA 94612  
Telephone: 510/285-2203  
Fax: 510/832-2436  
Contact: Sugiarto Loni

Project Types:

		03	04	05
06	07	08		
11			14	15

**Lornie Engineering**  
712 Bancroft Road #462  
Walnut Creek, CA 94598  
Telephone: 925/939-2300  
Fax: 2301  
Contact: Alexander Lornie

Project Types:

01	02	03		05
06				
				15

**Middlebrook + Louie**  
One Bush Street, Ste 1300  
San Francisco, CA 94104  
Telephone: 415/477-9000  
Fax: 415/477-9099  
Contact: Jason J. C. Louie

Project Types:

	02	03	04	05
06	07	08		
11				15

**Quake Structural Engineering**  
1632 Ulloa Street  
San Francisco, CA 94116-2501  
Telephone: 415/664-8433  
Fax: 415/664-4495  
Contact: Thomas Henry Lutge

Project Types:

01	02	03	04	05	
06	07	08			
11	12	13	14	15	16

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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# Structural Engineers Association of Northern California Members Providing Services

**Gregory P. Luth & Associates, Inc.**  
3350 Scott Boulevard, Bldg 48  
Santa Clara, CA 95054  
Telephone: 408/654-0475  
Fax: 408/654-0476  
Contact: Gregory P. Luth

Project Types:

01	02	03	04	05	
06	07	08			
	12	13	14	15	

**KMac Consulting**  
3850 23rd St.  
San Francisco, CA 94114  
Telephone: 415/307-0420  
Fax: 415/354-9695  
Contact: Kerry MacDonald

Project Types:

01	02	03	04	05	
06	07				

**PMI Design Group**  
1068 Lynn Way  
Sunnyvale, CA 94087  
Telephone: 408/735-0091  
Fax:  
Contact: Pete C Maletis

Project Types:

01					

**CEL Consulting**  
534 23rd Avenue  
Oakland, CA 94606-5307  
Telephone: 510/436-7626  
Fax: 510/434-7719  
Contact: Lee W. Mattis

Project Types:

	07	08	09		
			14		

**Meece Engineering**  
P.O. Box 2746  
Petaluma, CA 94953  
Telephone: 707/766-6783  
Fax: 415/255-7250  
Contact: Thomas A. Meece

Project Types:

		03	04		
06	07	08	09		
11		13	14	15	

**Mesiti-Miller Engineering, Inc**  
224 Walnut Avenue, Ste B  
Santa Cruz, CA 95060  
Telephone: 831/426-3186  
Fax: 831/426-6607  
Contact: Mark Mesiti-Miller

Project Types:

01	02	03	04	05	
06	07	08	09		
11	12		14	15	

**Simpson Gumpertz & Heger Inc.**  
The Landmark @ One Market  
San Francisco, CA 94105  
Telephone: 415/495-3700  
Fax: 415/495-3550  
Contact: John D. Meyer

Project Types:

	02	03	04	05	
06	07	08			
	12	13	14	15	

**Certus Consulting Inc**  
405 14th Street, Ste. 160  
Oakland, CA 94612  
Telephone: 510/835-0705  
Fax: 510/835-0775  
Contact: Kevin Moore

Project Types:

06	07	08			
			14	15	

**Liftech Consultants Inc.**  
344 - 20th Street, Ste. 360  
Oakland, CA 94612  
Telephone: 510/832-5606  
Fax: 510/832-2436  
Contact: Catherine A. Morris

Project Types:

		03	04	05	
06	07	08			
11			14		

**Murphy Burr Curry, Inc.**  
85 Second Street, Ste. 501  
San Francisco, CA 94105  
Telephone: 415/546-0431  
Fax: 415/882-7257  
Contact: David Murphy

Project Types:

01	02	03	04	05	
06	07	08			
11	12	13	14	15	16

**Nishkian Menninger**  
1200 Folsom Street  
San Francisco, CA 94103  
Telephone: 415/541-9477  
Fax: 415/543-5071  
Contact: Levon Nishkian

Project Types:

01	02	03	04	05	
06	07	08			
11	12	13	14	15	16

**Landtech Consultants**  
3845 Beacon Avenue, Suite D  
Fremont, CA 94538  
Telephone: 510/505-9501  
Fax: 510/505-9503  
Contact: Kamal S. Obeid

Project Types:

01	02	03	04	05	
06	07	08			
11	12		14	15	

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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Updated May 2009

# Structural Engineers Association of Northern California Members Providing Services

**Exponent Failure Analysis Assoc**

149 Commonwealth Drive  
Menlo Park, CA 94026  
Telephone: 650/688-7206  
Fax: 650/328-3094  
Contact: John D. Osteraas

Project Types:

01	02	03	04	
	07	08	09	10
	12	13	14	15

**Walter P Moore & Associates**

221 West 6th St.  
Austin, TX 78701  
Telephone: 512/330-1270  
Fax: 512/330-1295  
Contact: Viral B Patel

Project Types:

		03		05
06	07	08		
			14	

**Earthquake & Structures, Inc.**

6355 Telegraph Avenue, Suite 101  
Oakland, CA 94609-1372  
Telephone: 510/601-1065  
Fax: 510/601-1808  
Contact: Bishwendu K. Paul

Project Types:

01	02	03	04	05
06	07	08		
11	12	13	14	15

**Tek Pe Engineers**

2921 Carlson Blvd.  
El Cerrito, CA 94530  
Telephone: 510/524-0973  
Fax: 510/524-8268  
Contact: Tek H. Pe

Project Types:

01	02	03	04	05
06	07	08		

**Degenkolb Engineers**

235 Montgomery, Suite 500  
San Francisco, CA 94104  
Telephone: 415/392-6952  
Fax: 415/981-3157  
Contact: Chris D. Poland

Project Types:

	02	03	04	05
06	07	08		
11	12	13	14	15

**DeSimone Consulting Engineers**

160 Sansome St.  
San Francisco, CA 94104  
Telephone: 415/398-5740  
Fax: 415/398-9834  
Contact: Ronald Polivka

Project Types:

		03	04	05
06	07	08		
				16

**Watry Design, Inc.**

1700 Seaport Blvd, Ste 210  
Redwood City, CA 94063  
Telephone: 650/298-8150  
Fax: 650/298-8151  
Contact: John Purinton

Project Types:

	02	03		05
	07			

**Rafferty Engineering**

2842 Jackson St  
Alameda, CA 94501-4712  
Telephone: 510/864-2017  
Fax: 510/864-2018  
Contact: Jack Rafferty

Project Types:

01	02			05
06		08		

**Rutherford & Chekene**

55 Second Street, Ste 600  
San Francisco, CA 94105  
Telephone: 415/568-4400  
Fax: 415/618-0684  
Contact: Peter C. Revelli

Project Types:

	02	03	04	05
06	07	08		10
11		13	14	15

**Tuan & Robinson Struc. Engrs., Inc.**

221 Main Street, Suite 860  
San Francisco, CA 94105  
Telephone: 415/957-2480  
Fax: 415/957-2483  
Contact: Alan Robinson

Project Types:

01	02	03	04	05
06	07	08		
11	12	13		

**MBRodriguez Engineering Inc.**

2355 Oakland Road, Ste 14  
San Jose, CA 95131  
Telephone: 408/432-4866  
Fax: 408/834-4823  
Contact: Marlou B. Rodriguez

Project Types:

01	02	03	04	05
06	07	08		
11	12	13		15

**Romig Engineers, Inc.**

1390 El Camino Real, 2nd Floor  
San Carlos, CA 94070  
Telephone: 650/591-5224  
Fax: 650/591-5251  
Contact: Glenn A. Romig

Project Types:

				10

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# Structural Engineers Association of Northern California

## Members Providing Services

**H. D. Rueb, Structural Engineer**

360 Civic Drive, Suite F  
Pleasant Hill, CA 94523-1978  
Telephone: 925/825-9540  
Fax: 925/825-9561

Contact: Harold Rueb

Project Types:

01	02	03	04	05	
06	07	08			

**Nolte Associates**

821 Mora Drive  
Los Altos, CA 94024  
Telephone: 650/906-8759  
Fax:

Contact: David G. Schott

Project Types:

01	02	03	04	05	
06	07	08			
				15	

**Arun Shah & Asso**

39795 Paseo Padre Pkwy  
Fremont, CA 94535  
Telephone: 510/494-4400  
Fax: 510/657-4265

Contact: Arun S. Shah

Project Types:

01	02	03	04	05	
06		08			
11				15	

**Shuhaibar Engineers**

1288 Columbus Avenue #290  
San Francisco, CA 94133  
Telephone: 415/986-8400  
Fax: 415/986-8402

Contact: Constantine Shuhaibar

Project Types:

01	02	03	04	05	
06	07	08			
11	12	13	14	15	

**Sikaroudi & Associates, Inc**

1724 Mandela Parkway, Ste. 3  
Oakland, CA 94607  
Telephone: 510/465-4717  
Fax: 510/465-4718

Contact: Homayoun Sikaroudi

Project Types:

01	02	03	04	05	
06		08			
11				15	

**AE 3 Partners**

1934 Park Boulevard  
Oakland, CA 94606  
Telephone: 510/444-1450  
Fax: 510/444-1738

Contact: Gene St. Onge

Project Types:

01	02	03	04	05	
06					

**Tim Stauffer, S.E.**

1063 Lantern Bay  
Hercules, CA 94547  
Telephone: 510/741-3601  
Fax: 510/741-3603

Contact: Timothy Stauffer

Project Types:

01	02	03		05	
06					

**Consulting Materials Engineer**

3700 Mt. Diablo Blvd., #110  
Lafayette, CA 94549-3607  
Telephone: 925/283-2088  
Fax: 925/283-1943

Contact: Ward W. Stevens, III

Project Types:

	07		09		
			14		

**CRJ Structural Engineers**

1080 O'Brien Drive  
Menlo Park, CA 94025-1409  
Telephone: 650/324-0691  
Fax: 650/324-0927

Contact: Ted Szewczyk

Project Types:

01		03		05	
06	07	08			
				15	

**TEAC Structural Engineering**

3180 Crow Canyon Place, Suite 205  
San Ramon, CA 94583  
Telephone: 925/275-0110  
Fax: 925/275-0126

Contact: Paris A Tabor

Project Types:

01	02	03	04	05	
06	07	08			
				15	

**A.T. Merovich & Associates, Inc.**

1950 Addison Street, Ste. 205  
Berkeley, CA 94704  
Telephone: 510/845-6600  
Fax: 510/845-5220

Contact: Jeffrey Taner

Project Types:

01	02	03	04	05	
06	07	08			
11			14	15	16

**Summit Engineering, Inc.**

463 Aviation Blvd., Ste 2008/6/2007  
Santa Rosa, CA 95403  
Telephone: 707/527-0775  
Fax: 707/527-0212

Contact: Andrew Tchirkin

Project Types:

01	02	03	04	05	
06	07	08			
11				15	

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

\* SEAONC does not make any representation regarding the competence of its members.

For additional information on an engineer, you may contact your City's Building Department, or the Board of Registration for Professional Engineers and Land Surveyors at 916/263-2222.

# Structural Engineers Association of Northern California Members Providing Services

**Tipping Mar & Associates**  
1906 Shattuck Avenue  
Berkeley, CA 94704  
Telephone: 510/549-1906  
Fax: 510/549-1912  
Contact: Steven B. Tipping

Project Types:

01	02	03	04	05
06	07	08		

**Donald Trimble Engineering Co.**  
684 E. Lewelling Blvd.  
Hayward, CA 94541-1104  
Telephone: 510/278-5121  
Fax: 510/278-5126  
Contact: Donald Trimble

Project Types:

01	02	03	04	05
06	07	08		
11		13		15

**Van Maren and Associates**  
460 Boulevard Way  
Oakland, CA 94610-1525  
Telephone: 510/653-0675  
Fax: 510/653-2727  
Contact: Peter Van Maren

Project Types:

01	02	03	04	05
06	07	08		
11			14	15

**Vaughn Engineering**  
P.O. Box 1064  
Lafayette, CA 94549  
Telephone: 925/283-1498  
Fax: 925/283-0265  
Contact: William B. Vaughn

Project Types:

01	02	03	04	05
06	07	08		
11			14	15

**Rau and Associates Inc.**  
100 N. Pine Street  
Ukiah, CA 95482  
Telephone: 707/462-6536  
Fax: 707/463-2729  
Contact: Roger Vincent

Project Types:

01	02	03	04	05
06		08	09	
11				

**Jacobs**  
1340 Treat Blvd., Suite 208  
Walnut Creek, CA 94596  
Telephone: 925/287-3724  
Fax: 925/256-7999  
Contact: W.K. (Kirk) Warnock Jr.

Project Types:

		03		05
06	07	08		
			14	

**Creegan + D'Angelo Consulting Engineers**  
170 Columbus Avenue, Suite 240  
San Francisco, CA 94133-5418  
Telephone: 415/834-2010  
Fax: 415/834-2011  
Contact: David A. Wilson

Project Types:

01	02	03	04	05
06	07	08		
11	12	13		15

**General Design**  
317 East 39th Avenue  
San Mateo, CA 94403  
Telephone: 650/578-9168  
Fax: 650/578-9169  
Contact: George K. Wong

Project Types:

01	02	03	04	05
11				

**DASSE Design, Inc.**  
555 12th Street, Suite 600  
Oakland, CA 94607  
Telephone: 510/433-9370  
Fax: 510/433-9378  
Contact: Peter A. Wrona

Project Types:

01	02	03	04	05
06	07	08		
11	12	13	14	15

**Baseline Engineering**  
1504 Park Street, Suite 8  
Alameda, CA 94501  
Telephone: 510/865-4623  
Fax: 510/865-4704  
Contact: Vincent T. Wu

Project Types:

01	02	03	04	05
06	07	08		
11				15

**John Yadegar & Associates**  
90 New Montgomery St. # 412  
San Francisco, CA 94105  
Telephone: 415/243-0858  
Fax: 415/243-0486  
Contact: John Yadegar

Project Types:

01	02	03	04	05
06	07	08		
11	12	13	14	15

**San Francisco Department of Building**  
1660 Mission Street, 2nd Floor  
San Francisco, CA 94103  
Telephone: 415/575-6919  
Fax: 415/558-6686  
Contact: Howard Zee

Project Types:


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# Structural Engineers Association of Northern California Members Providing Services

David B. Zulim, Inc.  
150 Felker Street, Suite F  
Santa Cruz, CA 95060  
Telephone: 831/425-8769  
Fax: 831/425-0150  
Contact: David B. Zulim

*Project Types:*

01	02	03		05
06		08		
				15

**Project Types:** 01 = Single Family Homes, 02 = Multi-Residential, 03 = Commercial, 04 = Unreinforced Masonry Buildings, 05 = New Construction, 06 = Renovation, 07 = Investigations and Reports, 08 = Post-earthquake Inspection and Repair, 09 = Material Testing and/or Inspection, 10 = Geotechnical, 11 = Parapet Bracing, 12 = Construction Shoring, 13 = Excavation Shoring and Underpinning, 14 = Consultation for Legal, 15 = Seismic Bracing of Non-Structural Elements, 16 = Building Occupancy Resumption Program (BORPS)

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**Updated May 2009**

**Ken Hinshaw**

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**From:** <LowellNor@aol.com>  
**To:** <kenl@redshift.com>  
**Sent:** Friday, January 14, 2011 5:47 PM  
**Attach:** ATT00038.eml  
**Subject:** First Message, I Think

In a message dated 10/16/10 7:20:42 AM, KenL@redshift.com writes:

Carolyn: I found your presentation very interesting. Thank you so much for bringing your expertise to this event. I was disappointed that the SF skyscraper project has not go forward after all your work. Also, at lunch we spoke about the problems with rebar corrosion at the Pt. Pinos Lighthouse in relation to the electrical conduction tests. What exactly is the name of this test, and what would a ball park figure for conducting a test be? At Pt. Pinos we are in the process of getting our priorities and money sorted out but I think this might be an important piece of the puzzle.

Ken Hinshaw

**Taryn N. Stubblefield, S.E. (CA, HI)**  
Senior Staff II - Building Technology  
**SIMPSON GUMPERTZ & HEGER**  
415.495.3700 main  
415.343.3070 direct  
415.495.3550 fax

**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Wednesday, January 05, 2011 9:19 AM  
**To:** Carolyn L. Sears  
**Cc:** Lowell Northrop; Dennis Tarmina; Steve Honegger  
**Subject:** Pt. Pinos Lighthouse

Carolyn: After you spoke at the workshop in Monterey I contacted you about our problems at Pt. Pinos Lighthouse. You may remember that the masonry tower was rebuilt after the '06 earthquake with iron reinforcement rapped in steel cables. Subsequent moisture damage has caused the iron to expand cracking the masonry tower. I traded several very informative e-mails

with your staff after our first contact. The upshot was that we probably could not afford the level of analysis that was being recommended let alone the repairs. Last time I checked we had about \$50,000 on hand to do maybe \$1,000,000 worth of work on the whole building including lead paint removal foundation work and on and on. Would it be possible for someone in your firm to look at the situation and what we have done and come up with recommendations for us so that we can minimize the damage at a price point we can afford? I know this is asking for allot, thanks for your help.

Ken Hinshaw

Preservation Coordinator, Pt. Pinos Lighthouse

Taryn: Thank you for taking the time to put together a proposal. I think I am trying to play in the wrong league. I explained to Carolyn our tight budget and volunteer nature of our operation. Perhaps you could refer me to a small engineering office who could give us some guidance and that would welcome a day of serious work for a reasonable amount of remuneration.

Ken Hinshaw,

Preservation Coordinator Pt. Pinos Lighthouse

----- Original Message -----

**From:** Taryn N. Stubblefield

**To:** KenL@redshift.com

**Cc:** LowellNor@aol.com ; Carolyn L. Searls

**Sent:** Wednesday, January 05, 2011 3:25 PM

**Subject:** Re: Pt. Pinos Lighthouse

Hello Ken and Lowell,

I work with Carolyn Searls, and we discussed your recent e-mails about the Pt. Pinos lighthouse today. I understand you previously corresponded with Carolyn about the construction and condition of the structure, and the need to address cracking of the masonry (apparently caused by corrosion of reinforcement). I also understand you have a limited budget to investigate and repair the structure.

Carolyn and I think a phased approach to the investigation/repairs may work well for you: we can send you a proposal for us to make a 1-day site visit to look at the building, and review any drawings and maintenance records available on site; then we can write you a letter describing what we saw, what might be happening, and recommend further testing or analysis (if needed) to develop repair recommendations. We can start with this initial site visit and letter, and you can decide from there how to proceed. At your request, we can then send you proposals for further testing or analysis following our initial visit.

We'd like to discuss this by phone, just to make sure we've got the right information and are addressing what you need. Would you send us your number, or call us at 415-495-3700? We'll also need to know whom to address the proposal to.

Sincerely,

1/15/2011

**Ken Hinshaw**

---

**From:** "Taryn N. Stubblefield" <TNStubblefield@sgh.com>  
**To:** "Ken Hinshaw" <KenL@redshift.com>  
**Cc:** "Lowell Northrop" <LowellNor@aol.com>; "Carolyn L. Searls" <CLSearls@sgh.com>  
**Sent:** Monday, January 10, 2011 11:09 AM  
**Attach:** Members\_providing.pdf  
**Subject:** RE: Pt. Pinos Lighthouse

Hello Ken,

Given the technical nature of the problems with the Pt. Pinos lighthouse, I recommend contacting an engineer (rather than an architect). I can recommend contacting the following firms, whose work we are familiar with:

1. Wiss Janney Elstner, Emeryville – they offer a similar suite of services as SGH, including materials testing capabilities. See attached sheet for contact information.
2. Tennebaum-Manheim Engineers, San Francisco - <http://www.tmesf.com/>, contact Nancy Tennebaum. This is a structural engineering firm with a great deal of experience with historic structures.

If you're interested in looking into other firms, particularly firms closer to Monterey, please see the attached form compiled by SEAONC, the Structural Engineers Association of Northern California. The list includes several Bay Area and Santa Cruz area firms, and lists the types of services provided by each firm.

Sincerely,

**Taryn N. Stubblefield, S.E. (CA, HI)**

Senior Staff II - Building Technology

**SIMPSON GUMPERTZ & HEGER**

415.495.3700 main  
 415.343.3070 direct  
 415.495.3550 fax  
[www.sgh.com](http://www.sgh.com)

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**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Saturday, January 08, 2011 4:44 PM  
**To:** Taryn N. Stubblefield  
**Cc:** Lowell Northrop  
**Subject:** Re: Pt. Pinos Lighthouse

Taryn: Thank you for taking the time to put together a proposal. I think I am trying to play in the wrong league. I explained to Carolyn our tight budget and volunteer nature of our operation. Perhaps you could refer me to a small engineering office who could give us some guidance and that would welcome a day of serious work for a reasonable amount of remuneration.

Ken Hinshaw,  
 Preservation Coordinator Pt. Pinos Lighthouse

----- Original Message -----

**From:** Taryn N. Stubblefield  
**To:** KenL@redshift.com  
**Cc:** LowellNor@aol.com ; Carolyn L. Searls  
**Sent:** Wednesday, January 05, 2011 3:25 PM  
**Subject:** Re: Pt. Pinos Lighthouse

Hello Ken and Lowell,

**Ken Hinshaw**

---

**From:** <LowellNor@aol.com>  
**To:** <kenl@redshift.com>  
**Sent:** Friday, January 14, 2011 5:42 PM  
**Subject:** Another email re Searls

----- Original Message -----

**From:** Taryn N. Stubblefield

**To:** Ken Hinshaw

**Cc:** Lowell Northrop ; Carolyn L. Searls

**Sent:** Monday, January 10, 2011 11:09 AM

**Subject:** RE: Pt. Pinos Lighthouse

Hello Ken,

Given the technical nature of the problems with the Pt. Pinos lighthouse, I recommend contacting an engineer (rather than an architect). I can recommend contacting the following firms, whose work we are familiar with:

1. Wiss Janney Elstner, Emeryville – they offer a similar suite of services as SGH, including materials testing capabilities. See attached sheet for contact information.
2. Tennebaum-Manheim Engineers, San Francisco - <http://www.tmesf.com/>, contact Nancy Tennebaum. This is a structural engineering firm with a great deal of experience with historic structures.

If you're interested in looking into other firms, particularly firms closer to Monterey, please see the attached form compiled by SEAONC, the Structural Engineers Association of Northern California. The list includes several Bay Area and Santa Cruz area firms, and lists the types of services provided by each firm.

Sincerely,

**Taryn N. Stubblefield, S.E. (CA, HI)**  
Senior Staff II - Building Technology  
**SIMPSON GUMPERTZ & HEGER**  
415.495.3700 main  
415.343.3070 direct  
415.495.3550 fax  
[www.sgh.com](http://www.sgh.com)

**From:** Ken Hinshaw [mailto:KenL@redshift.com]  
**Sent:** Saturday, January 08, 2011 4:44 PM  
**To:** Taryn N. Stubblefield  
**Cc:** Lowell Northrop  
**Subject:** Re: Pt. Pinos Lighthouse

**Ken Hinshaw**

---

**From:** <LowellNor@aol.com>  
**To:** <KenL@redshift.com>  
**Sent:** Monday, January 10, 2011 8:01 PM  
**Subject:** Re: Fw: Pt. Pinos Lighthouse

In a message dated 1/10/11 6:40:47 PM, KenL@redshift.com writes:

Would it be possible for someone in your firm to look at the situation and what we have done and come up with recommendations for us so that we can minimize the damage at a price point we can afford? I know this is asking for alot, thanks for your help.

Hi, Ken,

I received the email from Strbblefield as well as you. I am wondering if perhaps they misunderstood our request. The portion above that I copied might have led them to think we want them to look at our situation rather than just the part of the astragals that are embedded in the concrete, which is really all we need. If we approach anyone else I think that we need to be very specific about what we want from them and that it is limited to the steel astragals and the bottom band in the concrete.

Lowell

1/15/2011

contractor for Page 1 of 2  
Tower Repair

**Ken Hinshaw**

---

**From:** "Doug and Mary Jo" <dougandmaryjo@att.net>  
**To:** "Dennis Tarmina" <dennis@tarmina.net>  
**Cc:** <mshone@redshift.com>; <forthecolors@comcast.net>; "Ken Hinshaw" <KenL@redshift.com>  
**Sent:** Friday, May 14, 2010 2:42 PM  
**Attach:** IMG\_9629.JPG  
**Subject:** Lighthouse concrete repair

Below is contact information for the concrete repair contractor that Stocker & Allaire used on one of our projects in Big Sur (Wildbird). A concrete slab that was built in the 50's was spalling and rusty rebars were exposed and it was beautifully restored. (see attached photo of part of the existing condition).

Doug Howe

William Brown (Bill Brown Construction)  
242 Pheian Ave.  
San Jose, CA 95112

phone: (408) 297-3738  
fax: (408) 297-3438  
cell: (408) 968-1653  
email: [bbrown@bbrownconstruction.com](mailto:bbrown@bbrownconstruction.com)

5/15/2010

