A Special Tour of the Stahl House, Case Study House #22

- **Sunday June 14th, 2015**
- **Event Schedule:**
  - 5:00–6:00 P.M. Open house and refreshments at Universal Appliances & Kitchen Center, 12050 Ventura Blvd. (at the southwest corner of Ventura Blvd. and Laurel Canyon Blvd.) Studio City, CA 91604
  - 6:00–6:15 P.M. Carpool from Universal Appliances to Stahl House via Laurel Canyon Blvd.
  - 7:00–7:15 Our sunset tour begins and will last approx. 90 minutes.
- **Parking at the house is strictly limited to SIX CARS, so we are asking for volunteers to carpool attendees to the tour location. All cars will return to the Universal Appliances parking garage after the tour.**
- **Pictures taking is permitted at the house, but is limited to Smart Phone cameras. No large format, or single lens reflex cameras, or tripods, will be permitted.**
- **Cost:** $40 for AIA members (cash or check); $43 for non-AIA members (cash or check)—$53 (credit card)
- **Payment is required in advance. Space is EXTREMELY limited. RSVP to the Chapter Office (818) 907-7151 tel (818) 907-7155 fax e-mail: edirector@aiasfv.org**

Visit the Modern where Julius Shulman took his iconic afterdark photo overlooking Los Angeles. This evening tour also will enable the attendees to experience a Shulman sunset at this special site.
ANNOUNCEMENT:
Angelus Block Posts First Type III EPD for CMU

Angelus Block is the first producer to publish a Type III EPD under ASTM’s new Product Category Rules specific to concrete masonry units.


www.AngelusBlock.com
www.AngelusPavingStones.com
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dmurray@earthsystmes.com
www.earthsystmes.com

The “French Galerie” hand scapped engineered oak flooring line celebrates a centuries-old tradition of hardwood craftsmanship. Each plank is scapped and was brushed by hand, with its own unique design of cracks and knots, creating a look that is both classic and sophisticated. The “French Galerie” line is available prefinished in a variety of colors and finishes.
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The American Institute of Architects (AIA) is the voice of the architectural profession, dedicated to serving its members, advancing their value, and improving the quality of the built environment.

Since 1857, the AIA has represented the professional interests of America’s architects. As AIA members, more than 80,000 licensed architects, emerging professionals, and allied partners in design express their commitment to excellence and livability in our nation’s buildings and communities.

Randy Thomson, Editor/Graphic Designer for ELEVATIONS, (818) 999-5015 or RandyBuildsSoil@gmail.com

President’s Message

AIA Convention Atlanta

President Miguel Maio, AIA left and Peter Eisenman, FAIA right.

The AIA Convention 2015 brought thousands of architects and design professionals to Atlanta for one of AIA’s best, most inspiring, and most impactful events yet. It also broke a few records. Thursday’s keynote speaker, had the most attendees in AIA Convention history.

This year’s AIA Convention theme was Impact, focusing on how architects impact their communities both locally and around the globe. Through learning the fundamental skills to become successful and effective entrepreneurs, the AIA Convention provided attendees the skills to grow, sell, and promote their firm’s business through a great variety of workshops and seminars.

President Clinton kicked off AIA Convention 2015, telling a standing-room audience to tackle pressing global issues.

“When we work together with diverse partners with a common objective, we have a greater chance to succeed.” Mr. Clinton also spoke on such topics as globalization, the value of inclusive decision-making, and how profoundly architecture will contribute to the future of our planet.

He cited the positive end results of collaboration and cooperation in global efforts, noting the successes of partnership commitments made through his Clinton Global Initiative—including one made by The Architects Foundation (formerly the American Institute of Architects Foundation).

The former president also challenged architects to seek simple solutions to reduce carbon emissions and take advantage of “low-hanging fruit,” citing former New York City Mayor Michael Bloomberg’s NYC Cool Roofs initiative to paint city roofs white to increase cooling efficiency.

After his keynote address, President Clinton sat down with AIA President Elizabeth Chu Richter, FAIA, for a question-and-answer session that covered worldwide development, job creation, leadership opportunities for women and his interactions with the architects who built his presidential library in Little Rock, Arkansas.

A pair of pioneering thinkers also delivered keynote addresses on the second day of the Convention, both speaking on the value of innovation Atlanta continued on pg. 4
for an ideals-driven generation. Welby Altidor, the Executive Creative Director for Cirque du Soleil, and Julie Dixon, the Research Director of National Journal’s Communications Council, stressed that architects should strive for a level of creative confidence. “What I will ask you to do,” Altidor said, “is listen to me as an artist, a scientist, as an architect. I want you to really try to see what resonates for you.”

Altidor, noted that the unexpected and a sense of inspiration are two elements that Cirque du Soleil always tries to embed in their shows. “I am curious if you know your signature,” he pondered, “meaning those elements that, for your clients and your projects, make your work truly distinct and stand out.” Altidor echoed several times that his objective was not of teaching his audience anything new. His goal, he said, was to stress the importance of communication and collaboration—skills most people do not use to their fullest potential when it comes to connecting individuals or resolving issues.

“Do practice creative courage is to realize that some of the most complex problems have no instruction manual, no blueprints or map,” he said. “We have to make it up.”

Altidor was followed on stage by Julie Dixon, a leader in digital communication and the Research Director for National Journal, who outlined the principles of effective storytelling. “What are the universal needs that your designs are meeting?” she asked. “If you frame your experiences by what connects us, your story will appeal to a much broader audience.”

Julie Dixon introduced her principles of storytelling, which include making someone else the hero and making a story as universal as possible. She showed a Google ad which positioned the search engine—a sterile, technological tool that we take for granted—as a guiding force that helps our nameless, faceless hero through life.

“They took something that’s functional and cold and made it a big beating human heart of a story,” she said, “because they removed themselves and took a back seat.”

Other highlights of this year’s convention included Moshe Safdie, FAIA receiving the 2015 Gold Medal.

Peter Eisenman FAIA, was the recipient of the 2015 AIA/ACSA Topaz Medallion. He noted that the central challenge of teaching is tirelessly inspiring students. “In a time when we have a lot of star architects, we have few heroes.” Ehrlich Architects was honored with the 2015 Architectural Firm Award.

Thomas V. Vonier, FAIA was elected 2016 AIA First Vice President/2017 President Elect, Stuart L. Coppedge, AIA was elected 2016-2017 Treasurer. Elected as At-Large Directors were Jennifer Workman AIA, L. Jane Frederick, FAIA and Anthony P. Schirripa, FAIA.

At the Business meeting on Saturday, I presented our own resolution 15–3 sponsored by our chapter, which proposed to amend pertinent provisions of the Institute’s Bylaws concerning specific eligibility criteria for AIA Emeritus Status membership. This proposed amendment to the Bylaws would lower the Emeritus age to 65. Unfortunately, the resolution did not pass despite robust support. The board stated that they would look further into this to develop an alternate proposal.

As a final thought . . . As architects, we are the channels through which our profession and our surroundings will advance. We are all AIA. See you at next year’s convention in Philadelphia. ■
ArchitectureAtZero 2015

The design challenge is to create a zero net energy housing project on the campus of UC San Francisco at Mission Bay. This competition, sponsored by Pacific Gas and Electric Company (PG&E), serves to inform the public of the need for more energy efficient buildings and the value of design excellence in resolving the challenge. All submissions will be included in an exhibition held in the fall of 2015.

Eligibility
Architects, designers, urban planners, landscape architects, engineers and interns and students of these disciplines.

Awards
Up to $25,000 in total prize money will be awarded to winners to students and professionals.

Registration Fees
$225 professional early bird deadline 7.24.15
$275 professional fee deadline 8.28.15
$25 student fee (no early bird) deadline 8.28.15

Submission Deadline: September 25, 2015 1:00PM PST
Submission guidelines and Registration:
http://www.architectureatzero.com/

blueist June Class Schedule:

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<td>Revit Fundamentals</td>
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<td>Photoshop Advanced Update</td>
<td>June 6</td>
<td>8 AM–5 PM</td>
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For Class Registration, Custom Classes and pricing, call (818) 649-1817.

Mark Gasper
818.848.8283 • mgasper@lutron.com • www.lutron.com
The AIA/San Fernando Valley Chapter would like to congratulate Julius Kenji Taniguchi on his receiving his Master of Architecture degree from Woodbury University, School of Architecture; at their commencement ceremonies this last May 9th, 2015. Julius was a dedicated intern in our office for over a year, a member of the AIA/S at Woodbury and is now looking forward to becoming an Associate AIA member of our chapter. Congratulations Julius, on this enormous architectural accomplishment!

The AIA-SFV sponsored two Honor Awards for photographs of the built environment by students from the School of Architecture; Juan Guardado and David Phung. One additional Award funded by the Julius Shulman Institute was given to Sergio Talamoni for the Best Image. Michael Silva presented the awards on behalf of the AIA-San Fernando Valley Chapter and the Julius Shulman Institute at an event and exhibit hosted at Woodbury University, School of Architecture, WEDGE GALLERY on April 25, 2015.

The competition attracted 55 images/entries from 13 different student photographers. The winning entries were selected by a jury consisting of—Benny Chan, a professional photographer, Gerald Smulevich, photographer and professor of Architecture at Woodbury, Linda Taalman, professor at Woodbury, Amy Converse, PhD, professor at Woodbury and Michael Silva AIA, Architect. The jury was moderated by Emily Bills, Managing Director of the Julius Shulman Institute and professor at Woodbury.

The 3rd Annual AIA San Fernando Valley / Woodbury University, School of Architecture / Julius Shulman Institute Photography Awards of the Built Environment

Woodbury University Commencement

Congratulations Architecture Class of 2015! A total of 329 undergraduate and 124 graduate students received diplomas at Woodbury University at Commencement on May 9, 2015, before a crowd of 4,000 classmates, friends and family members.

2015 Student Awards Ceremony

Woodbury School of Architecture recently awarded graduating and non-graduating students with the 2015 Student Awards for outstanding achievements in the 2014/15 academic year.

Awards in Bachelor of Architecture were presented by Dr. Marc J. Neveu, Chair, Architecture, Los Angeles

AIA Henry Adams Medal and Certificate, Bachelor of Architecture program. This medal and certificate is awarded to the student with the highest academic standing in the graduating class: Amanda Clay (LA)

Grand Critique Awards includes three categories and is bestowed upon students who have demonstrated the highest scholastic achievement and critical thinking in their final year of study.

Faculty Choice Award: Lauren Amador
Student Choice—AIAS Studio Award: Vedi Vartani
Highest Studio GPA Award: Amanda Clay

Alpha Rho Chi Leadership Award is bestowed to a graduating senior who has demonstrated outstanding leadership in transforming the Woodbury community: Alexander Rodriguez

School of Architecture Student Service Award is given to students who have demonstrated their commitment to the School by volunteering time to advance the Woodbury Architecture community: Lauren Amador

Third Year Outstanding Student Award is given to students with the highest academic standing in their class: Eduardo Negrete

Fourth Year Outstanding Student Award is given to students with the highest academic standing in their class: Sevana Alexander
Best Third Year Portfolio Award is granted to third year students who have achieved the highest ranked portfolio as judged by the architecture faculty: Muotaz Abbas, Marissa Cuevas, Andres Saavedra Vazquez

Degree Project Awards are given for the best degree project in one of the following categories

Frankel Degree Project Award: Dean’s Choice: Samvel Simonyan
Best Degree Project Award: Faisal Alzakari, Amanda Clay, Bani Davod Hesar, Robert Ko

Awards in Master of Architecture presented by Dr. Marc J. Neveu, Chair, Architecture, Los Angeles.

AIA Henry Adams Medal and Certificate, Master of Architecture program. This medal and certificate is awarded to a student with the highest academic standing in the graduating class: Rebecca Fox

AIA Henry Adams Certificate, Master of Architecture program. This certificate is awarded to a student with the second highest academic standing in the graduating class: Fatema Al Shuaibi

Alpha Rho Chi Leadership Award is bestowed to a graduating student who has demonstrated outstanding leadership in transforming the Woodbury community: Sergio Legon-Talamoni

Penultimate Year Outstanding Student Award is given to a student with the highest academic standing in either first year of the 2-Year M.Arch Program or second year in the 3-Year M.Arch Program: Eryanne Edgerley

Best Master of Architecture Portfolio Award is given to a graduate student for having the most comprehensive portfolio: Seyedeh Nafisah Salavatian

Thesis Awards are given for the best thesis project in one of the following categories

Frankel Thesis Award: Dean’s Choice: Crystal Paraiso Tan
Best Thesis Award: Technical Research: Dalia Bukhamsin
Best Thesis Award: Representation: Sergio Legon-Talamoni
Best Thesis Award: Methodology: Julius Taniguchi

Awards in School of Architecture presented by Norman Millar, Dean

The Ward-Lombardo Architecture and Civic Engagement (ACE) Center Scholarship Award is given to a student in financial need who has demonstrated strong academic rigor and civic engagement through the ACE Center: Gohar Nazaryan

The Nick Roberts Study Away Scholarship, Bachelor of Architecture program is named after late professor Nick Roberts, who helped to shape Woodbury’s School of Architecture and its Study Away Program for many years. Cory Buckner and Bryony Roberts initiated the Fund through an art auction that included the work of many friends and colleagues of Nick Roberts. This award is given to students to support their study abroad experience based on a combination of financial need and academic merit: Adriana Orozco

The Dr. Ken Nielsen Study Away Scholarship is named after past Woodbury President, Dr. Kenneth Nielsen, who is a strong believer in the value of the foreign study experience for students. This award is given to students to support their study abroad experience based on a combination of financial need and academic merit.

Interior Architecture Students: Kianna Bjarnson, Kayla Manio
Bachelor of Architecture Students: Aaron Castaneda, Crystal Chan, Jessica Gardner, Samfe Gaye, Gevik Ghazarian, Julian Hernandez, Alexandra Holguin, Lauren Kelsey, Kira Matila, Gohar Nazaryan, Josefin Samvelyan, Anette Zakarian
Master of Architecture Students: Kira Dong, Eryanne Edgerley, Ken Hong, Laura Kazmierczak

Certificate for Emphasis in Urban Policy is given to students who have completed a minimum of 12 units of coursework in Urban Policy

Bachelor of Architecture Students: Adrinee Bodakian, Edda Figueroa, Melvy Gonzalez, Nancy Hernandez
Master of Architecture Students: Fatema Al Shuaibi, Dalia Bukhamsin, Sergio Legon-Talamoni, Behnoud Najafi, Mohamed Thamer Noamani, Sam Sabzalijamaat
Master of Science in Architecture Students: Cyrus Dorbayan, Sandy Ghaly

Recognition of the SoA Student Organizations’ Leadership presented by Catherine Roussel, Faculty Advisor for AIAS and Annie Chu, Faculty Advisor for IIDA

AIAS Board Members:
Marilyn Chavarria, Undergraduate President • Cyrus Dorbayan, Graduate President • Lauren Kelsey, Treasurer; Devin Flores, Internal VP • Adrinee Bodakian, External VP • Munira Aman, Fundraising Chair • Samfe Gaye, Secretary • Adriana Orozco, Illustrator / Publicity Chair

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AIA and Black Spectacles Launch the Future of ARE® Prep

Program will make passing the ARE® easier for emerging professionals

I an effort to support recent architecture graduates and their ultimate goal of licensure, the American Institute of Architects (AIA) has teamed up with Black Spectacles, an online learning company for architecture and design, to offer a better way for emerging professionals to prepare for the Architect Registration Exam (ARE®).

The AIA chose to team with Black Spectacles because of its world-class online ARE® prep curriculum and dedication to the architecture and design profession. Black Spectacles created the world's first online video curriculum designed to help architects pass the ARE®.

“We believe the power of architecture and design has a profound influence on people's lives, and we know that helping more architects obtain their licenses will contribute positively to the mission,” said Black Spectacles’ Marc Teer. “We are thrilled to work with the AIA to bring this mission to every corner of the globe. Our AIA ARE®-prep product is so easy to use that there are no more excuses for not being licensed—we’ve made it as easy as it can be.”

Available as an annual or monthly subscription, AIA ARE Prep: Powered by Black Spectacles offers benefits to AIA members including:

- Unlimited access to 40+ hours of ARE® prep online video tutorials anytime, anywhere, from any device.
- Top quality content utilizing the latest best practices in adult learning presentation style
- Flexible subscription packages—monthly or annual
- A 15-percent, AIA member discount

“The cost was more affordable than the traditional study guides, the Web site was user-friendly, and the content covered in the tutorials gave me the confidence to know that I was on the right track with my studying,” said Greg Hoffman, ARE® candidate from Kansas City. “Using these online tutorials, in conjunction with the study guides provided by NCARB, I was able to pass all seven divisions in just two months.”

The ARE® prep curriculum was developed by architects from some of the of the worlds leading design firms and prepares licensure candidates for all seven divisions of the ARE®.

“In addition to being a great opportunity for emerging professionals to advance in the profession, this AIA program offers architectural firms, for the first time, the ability to support their employees with a cost-effective subscription to the AIA ARE® preparation materials,” says Deborah DeBernard, Senior Vice President of AIA and CEO of ARCOM.

“We are always looking for opportunities to provide additional value to AIA Contract Documents users, and this collaboration with ARCOM regarding the exchange of project information is one example of that effort. We expect that we will collaborate on more of these opportunities in the coming years,” said Deborah DeBernard, Senior Vice President of AIA Global Innovation.

The AIA and ARCOM believe this effort is an important step forward in the construction industry's drive toward integrated construction information.

About Black Spectacles

Founded in 2010 by Mark Teer, Black Spectacles’ mission is to advance the creative potential of the architecture and design professions. Black Spectacles offers online courses for learning design software and to prepare emerging professionals to take the Architecture Registration Exam.

AIA Contract Documents and MasterSpec to Collaborate

The American Institute of Architects (AIA) and ARCOM, the specification experts, announced today that they will be collaborating together to enhance the exchange of project information between AIA Contract Documents and the MasterSpec® specification system published by ARCOM.

“We believe this collaboration regarding the automated exchange of project data will eliminate repetitive work and increase the productivity of design professionals in creating construction projects,” said Christopher Bushnell, President and CEO of ARCOM.

“We are always looking for opportunities to provide additional value to AIA Contract Documents users, and this collaboration with ARCOM regarding the exchange of project information is one example of that effort. We expect that we will collaborate on more of these opportunities in the coming years,” said Deborah DeBernard, Senior Vice President of AIA Global Innovation.

The AIA and ARCOM believe this effort is an important step forward in the construction industry's drive toward integrated construction information.

American Institute of Architects and Africa Union of Architects Sign Cooperative Agreement

Agreement to Help Launch Africa Sustainability Campaign

The American Institute of Architects (AIA) and the Africa Union of Architects (AUA) announced on May 18th, the signing of a cooperative agreement to share practice tools and resources, creating a framework for American and African architects to work collaboratively in achieving development and infrastructure goals in Africa.

The AIA and AUA signed the cooperative agreement at the 2015 AIA Convention in Atlanta. The agreement articulates their mutual interests to advance the “Africa Sustainability Campaign” in spirit of the 2014 U.S.-Africa Leaders' Summit in Washington, DC.

“The Africa Union of Architects will partner with the American Institute of Architects to help develop the use of Africa's local materials and encourage sustainable research to advance recycling and energy conservation,” said AUA President Tokunbo Omosore. “The built environment can create employment opportunities for young Africans, among other mutual benefits.”

About the Africa Union of Architects

The Africa Union of Architects was inaugurated in Nigeria on May 23, 1981 by his Excellency Alhaji Shehu Shagari, former President of Nigeria, to unite architects from all over the continent regardless of nationality, race, religion or doctrine, and to federate their national organizations.
Fisher Architects, Inc. is an architectural firm located in Moorpark, CA looking to fill the following positions:

**Project Architect** qualifications must include:
- California Licensed Architect
- 10+ Years of Experience in Commercial/Retail Projects.
- Proficient in AutoCAD.
- Revit experience a plus.
- Knowledge of Sketchup and Photoshop.
- Ability to work in a team environment.
- Project Team and Client interaction.
- Excellent communication skills.
- Excellent time management skills.

**Project Manager** qualifications must include:
- 8+ years of experience in Commercial/Retail projects.
- Proficient in AutoCAD. Sketchup, Photoshop, and Revit are a plus.
- Ability to take the project from Schematic—Construction Documents Phase.
- Excellent organizational and communication skills.
- Strong production and time management skills.
- Basic Code knowledge (ADA and CBC)
- Ability to manage multiple projects concurrently.
- Ability to work in a team environment.
- Ability to accept direction.
- Self-motivated and self-starter.

**Contact:**
For inquiries, please contact Veronica Fisher at veronica@fisherarchitects.net. To apply, please e-mail to the same address with your contact information, resume, and samples of work. Applications will only be considered if submitted by e-mail only. No phone calls please.

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**Architectural CAD Drafter (Job Captain)**

We are a full service architectural firm located in Agoura Hills, CA.

We are currently looking for a proficient AutoCAD draftsman with qualified architectural experience (BARch or similar), with minimum 5 yrs. experience in commercial, industrial, retail and tenant improvement projects.

Duties will include management of construction documents for multiple projects. Prefer skills in AutoCAD, Sketchup, Photoshop, Adobe Illustrator and Excel.

E-mail resumé to: contact@pkarchitecture.net

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**MORRIS Architects** is seeking applicants for an intern position in their Glendale office. Morris Architects is a dynamic architectural firm working in a range of entertainment, hospitality, and commercial projects nationally and internationally. [http://www.morris-hz.com/](http://www.morris-hz.com/)

**Summary of Position**
The Intern position provides assistance to project team as required on basic phases of projects. It is essential for the intern to demonstrate an eagerness and willingness to learn. Applicants must have 0–3 years of experience in the architectural field, and an architectural degree from an accredited program.

**Applicant will need to be able to demonstrate proficiency with the following:**
- Communication and team work
- Hand sketching
- Diagramming and architectural renderings
- 3-D digital modeling for design exploration and assistance
- Basic BIM (Revit) knowledge and willingness to learn
- Revit to assist on project production
- Perform architectural assignments which include project production in all phases of design

**Software skills should include:**
- Revit
- Sketch up
- Rhino
- V-ray
- Grasshopper
- Adobe Photoshop
- Adobe InDesign
- Adobe Illustrator
- AutoCAD
- Naviswork

**Application:**
Please send Cover letter, resume, and work samples to Glen Morris at (glen.morris@morris-hz.com).
During the last 4–5 years, the terrifying seismic activity in the Himalayas, Chile, Honshu Japan, Sumatra Indonesia and Jalisco Mexico have demonstrated the effects of earthquake magnitudes from 8.0–8.6.

In the United States, most earthquakes in a single year occur in Alaska, and California takes second place. The most damaging earthquakes happen in California due to the large population and extensive infrastructure. The 1906 San Francisco earthquake was the deadliest ever and was a magnitude 7.8. The largest recorded earthquake in California was the 1857 Fort Tejon earthquake, with an estimated magnitude of 7.9.

Geophysicists estimate that the Cascadia Subduction Zone in the Pacific Northwest and Alaska, is capable of generating an earthquake with a magnitude as high as a 9.0. The San Andreas Fault, is perceived to be more dangerous than the Cascadia Fault because of major California coastal cities including San Francisco, Los Angeles and San Diego although it is unlikely to generate a 9.0-magnitude earthquake; more likely to have a magnitude of just less than 8.0.

So when we look at this information and we see what has happened; it becomes essential to carefully identify and address the current location and potential activity of the fault zones and individual faults that exist in our area.

Prior to site acquisition or land development, developers are usually required by the Building Codes to retain the services of geologic and geophysical specialists to provide information pertaining to the geologic constraints that may affect site development. One particular geologic hazard is surface fault rupture, which is the relative displacement of earth along a defined fault, or zone where the earth on one side of the fault moves differentially with respect to the other side in response to local tectonic forces. California is a seismically active area where numerous active faults, capable of experiencing fault rupture and earthquakes, cross the state.

Current California law prohibits the location of habitable structures over active faults. As part of our consulting services, Earth Systems provides site-specific fault studies to evaluate the presence or absence of active faulting across a particular property. These studies are provided in general accordance with California Geological Survey’s (CGS) Note 49 — Guidelines for Evaluating the Hazard of Surface Fault Rupture.

The California Geological Survey released the official Alquist-Priolo (A-P) map of the Hollywood Fault in November of 2014. This zone has now become one of the most seismically threatening urban earthquake faults in the United States.

As shown (below-left), a portion of the A-P map delineates the estimated surface trace of the Hollywood fault that is situated along the southern boundary of the Santa Monica Mountains. The A-P zone is defined as a special study zone that incorporates the fault and subsidiary strands of the fault (in this case—the Hollywood fault). The Alquist-Priolo Act prohibits construction directly across mapped fault lines and requires investigation to precisely locate the faults within the mapped zones prior to any development.

Once excavation (above) is completed and the trench considered safe to enter, our geologists enter the trench and clean off bucket smear left by the backhoe. We then observe the exposed geologic structure, including soil profiles, soil-bedrock interfaces, discontinuities (including faults) and other visible features in the walls and bottom of the trench. Features observed are graphically logged at a scale of 1 inch = 5 feet. The trench logging is performed by, or under the supervision of, a Certified Engineering Geologist, is peer reviewed internally, and our findings discussed with the agency review geologist, if possible.

In situations where the property is too small to excavate deep trenches, or if the depth of the 11,000 year horizon is too deep for trenching, other technical investigation systems are utilized using specialized borings, Cone Penetrometer Testing and Radioactive Carbon 14 dating.

In some cases, Earth Systems may provide additional geophysical services to assist in interpreting the subsurface geology.

A formal report summarizing the results of our services is prepared and includes graphic logs of the fault trenches,
The American Institute of Architects Release Four New Contract Documents
New Documents Include Residential Design-Build and Teaming Agreements

After soliciting industry feedback and identifying growing contract needs, the American Institute of Architects (AIA) has developed four new contract documents to the industry standard, AIA Contract Documents portfolio. The release of these new documents coincides with the AIA’s National Convention in Atlanta and includes the following new documents:
- AIA Document A145™–2015, Standard Form of Agreement Between Owner and Design-Builder for a One or Two Family Residential Project
- AIA Document C102™–2015, Standard Form of Teaming Agreement between Team Manager and Team Member for the Purpose of Responding to a Solicitation and Pursuing a Project
- AIA Document G742™–2015, Application and Certificate for Payment for a Design-Build Project
- AIA Document G743™–2015, Continuation Sheet for a Design-Build Project

The new A145™–2015, Standard Form of Agreement between Owner and Design-Builder for a One or Two Family Residential Project is a streamlined, homeowner-friendly document created to meet the needs of residential design-builders. Design-build is the fastest growing project delivery method in the United States, and residential projects make up an increasingly significant portion of this business. By assuming responsibility for both the design and construction elements of a residential project, firms see the possibility for increased revenue opportunities.

The new C102™–2015, Standard Form of Teaming Agreement between Team Manager and Team Member for the Purpose of Responding to a Solicitation and Pursuing a Project establishes the parties’ responsibilities in pursuing a project and requires them to negotiate project agreements up front. If the team is awarded a project, the team manager will contract directly with the owner, and the team members’ project agreements with the team manager will automatically take effect. Teaming is a powerful strategy for architects, contractors, and engineers, allowing them to put their collective expertise to best use and improve their chances of winning a job. C102™–2015 is not limited to use within a single project delivery method and can be used for responses to requests for proposals, design competitions, design-build competitions and public/private partnerships.

The new G742™–2015, Application and Certificate for Payment for a Design-Build Project and attendant G743™–2015, Continuation Sheet for a Design-Build Project are convenient forms on which the design-builder can apply for payment and the owner can certify the amount due. These forms round out the AIA’s commercial Design-Build Family of documents.

The new documents are available in the latest version of the AIA Contract Documents desktop software, and online through AIA Documents-on-Demand® Plus and AIA Documents-on-Demand®.

In addition, independent reviews by a geologic consultant may warrant further study. In certain cases, a nearby fault that is not shown to cross a site may have unknown fault splays that might affect the planned site development.

The primary benefits to the land purchaser, owner or developer of a fault study include:
- Protecting the health, welfare and safety of future users of the property from the direct effects of surface fault rupture.
- Compliance with state law.
- Providing cost-effective services that help define the geologic constraints (including fault rupture) that might affect the overall site development. By doing the geology studies early in the site development process, time and effort in planning and design can be saved by avoiding concepts that ultimately have to be revised to address the site geologic hazards.

The Earth Systems Group of Companies (Earth Systems) provide professional geotechnical and geologic consulting services, including fault studies for properties located throughout seismically active California. Our services assist the land developer in identifying potential earthquake faults that may affect the proposed land development, especially relating to location of habitable or critical structures.

Design for the Geology! —Dave Murray, Earth Systems
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