SARA National Board
Meeting Update Las Vegas

The meeting was held in Las Vegas on January 15, 2000, at The Golden Nugget. The meeting was called to order by Vince Bertolini, FARA, National President. The President gave a verbal report on the last quarter's activities.

National Budget Committee

A 2000 year budget was presented by Barry Milowitz, FARA that was fiscal responsible with income exceeding expenses allowing a prudent reserve in the National SARA Treasury. Barry Milowitz, FARA and Chris A. Addington, FARA presented a financial model for future use. This allows the budget committee to easily update the fiscal conditions of SARA and provide the National Board with current accurate data on projections of expenses and income.

Membership Committee

The Membership Committee chaired by Don Zivkovic, ARA, presented a report and offered a membership plan for Board review that provides for the following:

Introductory membership for first year professional members at a reduced rate with limited benefits.

Allied membership for non-professional members who attend and support State Council and Chapter events.

This was discussed by the Board and referred back to Committee for detail recommendations to be worked out and determine impact on SARA bylaws and fiscal impacts. If all the information is completed, this item could be voted on at the next Board Meeting for a member referendum to follow before implementation. The most important reason to increase membership is so SARA National can hire an Executive Director to manage the day-to-day operations. With the increase in activity in SARA, this is becoming more important. The membership plan presented allowed for the hiring of a National Executive Director.

State Council Reports

Illinois. The ICARA Board has resigned and SARA National will be helping Illinois SARA architects reorganize a new council for Illinois. This will take some time, and there is strong interest to get a council reorganized there. Some Illinois SARA members want to be represented by SARA. (Some former members of the ICARA have organized a new organization called ALA. We wish them the best.) Any Illinois SARA members wishing to be involved in the organization of SARA of Illinois, drop us a line or e-mail.

Minnesota. No report.

California. Written report on the activity of the CCSARA Design Awards Program.

Florida. Report by Gerry Gross, FARA, membership is growing and officers have been elected.

New York. New York gave a report on activities, which include a holiday gathering, NYSARA Design competition, golf outing and State Board of Directors meeting. They are very active and membership is growing.

New Jersey. No report.

Ohio. Verbal report by Sheldon Goldstone, ARA.

State Chapter Reports

Los Angeles Chapter report. Activities are scheduled throughout the next year with a box lunch program per Michael Nakaide, ARA.

San Diego Chapter report. Activities are scheduled throughout the year with monthly meetings per Mike Jones, FARA.

National Professional Design Awards Committee

SARA National Professional Design Awards Committee Report. Richard Holden, FARA and Michael Griffith, ARA will be organizing this year's PDA program. A draft of the application was presented and will be mailed soon to all members and interested entrants. They proposed to have the PDA be a stand-alone program on Friday evening at the National Convention this year in Los Angeles.

Student Design Awards Committee

Student Design Awards Committee Report presented by Michael Macaluso, FARA. The Student Awards was a success. (See article herein.)

Student fund

Student Fund Report by Mike Jones, FARA. The Student Fund has grown and continued on page 6

SARAscope

National Student Design Awards Projects, 1999.

January/February 2000
Collaboration Request

Recently I received a fax from Antonio Ortiz-Bordallo, an Architect in Madrid, Spain. He was looking on the Internet for Architect’s Societies in New York that listed a Spanish-speaking member. Based on my name, he assumed that I was of Spanish descent (right assumption).

We communicated via e-mail and agreed to meet in New York during his upcoming business trip.

His office has been established for about 20 years and has branches in several big cities throughout Spain. His works spans several countries: Saudi Arabia, Japan, North Africa, Mexico, Paraguay, etc. He holds patents on paving and wall tiles (five designs for almost unlimited combinations), some furniture and lighting fixtures. He has also published technical books and essays. Color pictures of his built work, patented designs and projects were shown.

The goal of his office is to establish a collaboration relationship with United States Architects, for whom his office would offer to do CAD construction drawings and structural design by their P. E’s. When using their tiles (paving and wall units) which are unique and priced competitively, layout designs are offered at no extra cost. All this translates into construction and structural drawings that can be produced at a fraction of their cost here. His office is also looking for ways to expand into this country and implement some of their Y2K concept mixed-use and commercial projects that are construction ready. This is for us a peculiar and very unusual approach to our practice. The questions that come to mind are liability and communication. In this electronic era, the latter should not be difficult.

Western Europe has already begun to eliminate border requirements and unify their currency. Could it also be possible for us Architects working in the Third Millennium?

Collaboration is not new. It has been done on a project to project basis. Would it make sense if it goes into other areas of our practice?

If you have comments or questions about this, please contact SARAscope.

Adriana Garcia, FARA
Minnesota Council
Russell Blume, ARA has been attending the Joint Professional Committee meetings and files the following: Continuing Education, AELSLAGID Board, Land Surveyor's Self-Regulation Act, and registration law.
*Raymond J. Blesener, FARA*

Florida Council
Meeting was held - Florida Carribean Council voted for officers as follows: President/Gerald R. Gross, FARA Vice-President/Gareth Eich, ARA Secretary/Warton Donaldson, ARA Treasurer/Andrew Kutz, ARA Many plans are being formulated for the Florida Carribean Council for the year 2000. We will share these with you in the next newsletter.
*Gerald Gross, FARA*

Ohio Council
(No report this issue.)
*Sheldon R. Goldstone, ARA*

Northern Ohio Chapter
(No report this issue.)
*Celso Gilberti, ARA*

Illinois Council
Currently the Illinois Board has elected to not continue. The ICARA board has resigned and SARA National will be helping Illinois SARA architects reorganize a new council for Illinois. This will take some time, and there is strong interest to get a council reorganized there. Illinois SARA members will be represented. Some members of the ICARA have organized a new organization called ALA. We wish them the best. Any Illinois SARA members wishing to be involved in the organization of SARA of Illinois, drop us a line or e-mail.

New Jersey Council
We will be holding a joint meeting with local CSI chapter in February. It will involve a visit of the Phillips Lighting facility in Somerset, NJ.
Member Patrick Jones, ARA will lead Council in tour of downtown South Orange, NJ with emphasis on redevelopment efforts. Dinner to follow at local restaurant.
*Herb Githens, ARA*

California Council
The California Council is making preparations for the National Convention to be held in Los Angeles in 2000 at Marina Del Rey. Mike Jones, FARA/Convention Chair has secured the Marina Del Rey hotel and final plans for visits to various architectural sites are being planned for the convention. Mike and fellow committee members want to make the first SARA Convention of the century 2000, one of the best that you ever attended!
*Arthur Dyson, FARA*

Los Angeles Chapter
2000 SARA/Los Angeles Chapter box lunch programs will continue to alternate between the offices of Robbins and Bown, Inc. and Lauterbach & Associates. February 17, 2000, Angelus Block Company, Inc. will present a program on masonry products.
March 15, 2000, Best Access Systems will present a program on door hardware.
April 6, 2000, Accuride International will present a program on cabinet hardware.
May 18, 2000, California Expanded Metal Products, Inc. will present a program on metal stud framing.
*Michael M. Nikaido, ARA*

San Diego Chapter
The San Diego Chapter has held monthly General and Board meetings for over 12 years. For the past few years we have been meeting in historic "Old Town San Diego" in a restored adobe strcture. This restaurant, "El Fandango" has a second floor room that is perfect for our typical meeting requirements. Although, from time-to-time we consider changing venues, and we sometimes do experiment by trying other locations, we always return to the quaint little Mexican restaurant with the great ambiance.
*Michael Jones, FARA*
San Diego Chapter President

New York Council

HOLIDAY CELEBRATION:
The New York Council held their end-of-the-year gala at the fabulous Amstico Showroom in Manhattan. Approximately 90 guests were in attendance to celebrate the season and to support the new Board of Directors for 2000. The President, Don Zivkovic, addressed the group with thanks for their wonderful participation over the past year and a look towards an even better one to come. (Look for pictures of the event in SARA Snippets.)

BOARD OF DIRECTORS 2000 & ADVISORY COUNCIL:
The New York Council Board of...
Directors has developed an Advisory Council of professional and affiliate members to serve with the Board of Directors for 2000. The Board is pleased to be joined by the following members who have shown great support and participation in SARA events and can lend their valuable insight and ideas to our organization:

Paul J. Angelides, P.E.
Paul J. Angelides Engineering
Raymond Carle
The Development Team
Michael Schroeder
Danna Equipment Corporation

We are also pleased to acknowledge and welcome our Board of Directors for 2000:

President:
S.D. Don Zivkovic, ARA

1st Vice President:
Adriana Garcia, FARA

2nd Vice President:
Richard Bonsignore, ARA

3rd Vice President:
Suzette Stoler, ARA

Secretary:
John J. Scheschareg, ARA

Treasurer:
Robert J. Firneis, ARA

Immediate Past President:
Michael J. Macaluso, FARA

The following survivors from the great Paris Eiffel Tower trip to the top. From left to right, Ronald Angelo, Anita Holden, Bette Addington, Tina Angelo, Richard Holden, Jaime Salles, Chris Addington and Marta Salles. All enjoyed the trip to the top to view Las Vegas. No one thankfully got sick or considered jumping!! (Photo courtesy of Tina). SARA National Board Meeting-Las Vegas.

BOARD MEETING/DESIGN COMPETITION/CALENDAR OF EVENTS 2000:
Our first board meeting was held on Tuesday, January 18, 2000. Committees were formed and a tentative schedule of events was developed for the year. Look for the Declarations of Intent for our 5th Annual Design Competition in early February.

Debra S. Nicholson,
Executive Director
our goal is to reach $100,000 in the near future, at which time it will be considered to increase the number and/or amounts of awards to students in the Student Awards program.

**SARAscope Sub-Committee**

SARAscope Sub-Committee report by Chris A. Addington, FARA. SARAscope has grown this last year to 16 pages plus inclusion of NYSnippets and the Californian to having upwards to 32 pages per issue. Sponsors cover approximately 45% currently of the cost and we see this growing as membership grows. Deadlines to receive articles and inclusions will be held and late items will be held for the next issue. We are going to try to keep issues issued on time.

**1999 Orlando Convention**

1999 Orlando Convention, post mortem by Committee Chairman, Gerry Gross, FARA. Gerry gave a detailed breakdown on income and expenses for the Orlando Convention. With the PDA, the Convention did not lose any money. The continuing education component had a fair turnover. There was considerable discussion and some emotional outburst, but all ended well.

**2000 Los Angeles Convention**

2000 Los Angeles Convention, Committee Chairman, Mike Jones, FARA. The event will be held in Marina Del Rey, CA at the Marina Del Rey hotel on the waterfront. The room rate is reasonable with events and tours being planned.

**2001 Convention**

2001 Convention. At Orlando it was discussed for all interested parties to make a presentation to the National Board on potential sites. The Ohio State Council presented Cleveland as a potential site with a report. It was voted to accept Cleveland as the 2001 National Convention site. The itinerary and plans presented will make it an event not to miss.

**2002 Convention**

2002 Convention locations were discussed with interest from Austin, Texas, Chicago, Illinois and New York City.

**International Committee**

International Committee, verbal report by Jaime Salles, FARA.

**Technology Committee**

Technology Committee report by Richard Holden, FARA. The website hits are starting to exceed 1000 hits per month. The SARAtools are being accessed by many SARA members as well as interest by non-members who have expressed interest in getting SARAtools and becoming SARA members. The National Directory will be up and accessible very soon. A draft version is running with finalized details currently being done. SARA has got its first national web sponsor and others are contacting us interested in being on our national web site. (See article in this issue by Richard Holden, FARA.)

**Chris A. Addington, FARA**

**Regent-at-Large**

As your SARAscope editor I will continue to report to you what items are discussed at the National Board meetings. It is important for you to know what your National Board is doing for you and the positive progress SARA is achieving as we grow and become stronger.
1999 SARA Student Design Awards

1999 SARA STUDENT DESIGN AWARDS PROGRAM

Three students were awarded $3,500 in cash prizes (option of $7,000 in U.S. Savings Bonds), one student received a Distinguished Honorable Mention Award, while three other students received Honorable Mention Awards and three students received Citation Awards in the 1999 Emily Munson Memorial Student Design Awards Competition. The annual event is sponsored by the Society of American Registered Architects (SARA). The prizes and certificates were announced during a special Awards Luncheon as part of the Society's 43rd National Convention in Orlando, Florida, October 13 - 17, 1999.

Winners among the 54 submissions from students attending 27 architectural schools were:

Michael M. Ra, a 5th year student at Illinois Institute of Technology in Chicago, won the 1st place cash award of $2,000, for his Chicago Academy of Science Nature Museum project. Adam M. St. Cyr, a 3rd year student at Oklahoma State University, won a 2nd place cash award of $1,000 for his Asbury United Methodist Church project. Andy Nguyen, a 5th year student at the University of Houston, took the 3rd place cash award of $500, for his Community Center for Houston project.

A Distinguished Honorable Mention award of $50 was awarded to Monika Herrmann, a student at Taliesin West, for her Library project. Three Honorable Mention awards were given to Eun-Ha Joo, a 4th year student at Oklahoma State University for her project, A Boat Club in Chicago; Timothy R. Barnhill, a student at the University of Pennsylvania, for his Shipyard for Racing Elements project; and Verl Ancel Adams, 2nd year graduate student at the University of Utah, for his Tokyo Station project.

Three Certificates of Citation were presented to Aaron Rogers, a 5th year student at Oklahoma State University for his project of the Chicago Yacht Boat Club; Ashwin H. Toney, a student at Washington University, for the Logan International Airport at Boston project; and Christopher D. Mueller, a student at Sci-Arc, for his Sci-Arc 3.0 project.

The 1999 jury was held in New York, and included distinguished panel members, S.D. Don Zivkovic, Principal, Zivkovic Associates Architects; John Kundrat, Director of Architecture & Construction, Vornado Realty Trust, New York, New York; and Guy Ragusa, Principal, Tano Group, Brooklyn, New York with Michael J. Macaluso, M.J. Macaluso & Associates, New York, New York as Chairperson.

Information and forms for the Student Design Awards Program 2000 will be available in January to all architectural schools and libraries. The program and forms will also be available for downloading by faculty and students from the Society's website at: www.sara-national.org.

The winners will be announced and awarded presented at the 44th Annual Convention which will be held in Los Angeles, California, in October 2000.

The Society of American Registered Architects, founded in 1956 encourages students, through its design awards competition and other related activities to develop sound design skills and business practices, while enhancing their education and achieving proficiency toward licensing and architectural professionalism.

Michael J. Macaluso, FARA Student Awards Committee Chairman

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Honorable mention
A Boat Club, Chicago

Eun-Ha Joo
Oklahoma State University

Citation Certificate
Logan International Airport, Boston

Ashwin H. Toney
Washington University

Citation Certificate
Yacht Boat Club, Chicago

Aaron Rogers
Oklahoma State University

Honorable mention
Shipyard for Racing Elements

Timothy R. Barnhill
University of Pennsylvania

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January/February 2000
1999 SARA Student Design Awards

First Place Award
$2,000

Chicago Academy of Science
Nature Museum

Student
Michael M. Ra
Illinois Institute of Technology
Chicago, Illinois

Second Place Award $1,000

Asbury United Methodist Church

Student
Adam M. St. Cyr
Oklahoma State
University of Oklahoma

1999 SARA Student
Orlando

Michael Maculuso, FARA Chairman with Jury members:
Associates Architects; John Kundrat, Director of Preservation Trust, New York, New York; and Guy Ragusa
April ‘00 CCSARA

The California Council will be having a Board Meeting on April 29, 2000. Make sure and get this on your calendar. All members are encouraged to attend as well as CCSARA officers and directors. There are numerous issues to discuss:
1. LA2000 planning for CCSARA;
2. CCSARA 2000 PDA program;
3. Membership expansion with the new proposed SARA National program under consultation currently; and,
4. Methods how we can better serve our constituency.

Please let us know if you will be attending so we can prepare for logistics for room size, accommodations, maps and other items. You can contact any officer on the cover of this issue for questions or interest. (The location will be at the CCSARA Design Awards area before the awards exact time to be announced).

SAEDF Meeting

The SAEDF meeting will be held in San Luis Obispo, CA on Saturday, February 26, 2000 at California Polytechnic State University at San Luis Obispo, 10am to 4pm at the architectural gallery. The group manages the scholarships for the School of Architecture and meets four times per year for that purpose. Currently Mike Jones, FARA, John Maple, ARA, Richard Holden, FARA, and Chris Addington, FARA have been serving on the Board to help their mission. Please mark your calendar if you are a graduate of the school and want to become a part of helping the next generation of graduates. Get involved now in "Architects Helping Architect Interns" (new phrase). An annual scholarship is awarded to a recipient from our Society to a deserving student and you can be part of the selection process. Contact Mike Jones, FARA or Rick Holden, FARA.

Oct. ’99 CCSARA

The last Board Meeting was held in San Luis Obispo on October 1, 1999. Below are notes from that meeting:
CCSARA will continue the Scholarship program at Cal Poly San Luis Obispo 2001 thru 2006. This was voted on and passed.
CCSARA Professional Design Awards will be chaired by Michael Nikaido, ARA. Location of Banquet Dinner in the greater Los Angeles area. Dates to be announced. Jim Maples will help with the jury selection.
SARA National Convention will be held in Los Angeles this year. Mike Jones, FARA is the Chairman. He has set the dates and looks forward to a great turnout from California.
The Californian will be published at CCSARA expense four issues per year. SARAscope currently is issued six times per year. Chris Addington, FARA will volunteer to publish the newsletter and pay for the other two issues not funded by CCSARA. Donations are being accepted. The cost per issuance is approximately $225/issue.
CCSARA voted to donate $1000 to SARA National Convention. It was passed by a split vote.
The Treasurer did not have the checkbook, so no report was given.
The CCSARA website needs to be updated more often, no action was taken. Richard Holden, FARA has been doing a great job with the National SARA website. We need a volunteer to help him with CCSARA on the web site. Please contact him if have time to help.
It was discussed and decided to have two CCSARA Board Meetings per year. The first meeting will be this April 29th at the Design Awards for CCSARA California and the second Board meeting will be at the SARA National Convention in Los Angeles. Both times
Robbins & Bown, Inc. Arch
Began their practice in 1969. Principals include Lawre and Roger L. Bown, AIA. They have completed projects The firm specializes in master planning, religious, educ

Congregation Albert    Albuquerque, New Mexico

Lemona Office Building    Van Nuys, California

Shomrae Torah Synagogue    West Hills, California

Temple Valley Beth Shal
Stephen S. Wise Temple  Los Angeles, California

Temple Valley Beth Shalom  Encino, California

Milken Community High School  Los Angeles, California

Architects, Van Nuys, California

nce A. Robbins, FARA, Past National President of SARA in California, Nevada, Arizona, New Mexico and Guam. National, residential and commercial projects.
Continued from front page

will be set well in advance so you can put them on your calendar.

SARA National is reviewing options for membership. They are considering adding new designations as follows:

- Introductory membership for first year professional members at a reduced rate with limited benefits.
- Allied membership for non-professional members who attend and support State Council and Chapter events.

This was discussed by the National Board and referred back to Committee for detail recommendations to be worked out and determine impact on SARA bylaws and fiscal conditions. This would allow California to attract new members and enable us the opportunity for our numbers to grow.

Mike Jones, FARA asked if any members know any potential sponsors for the National Convention to please call to discuss it. He is looking to increase sponsorship to reduce cost to our membership.

Chris Addington, FARA

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SARAw eb
www.sara-national.org
Your web site
use it!
SARAtools on line for your unlimited use right now!

SARA National Convention
Los Angeles
Sign up early

CCSARA Calendar of Events

February, 2000
February, 2000, San Diego Chapter Meeting, Old Town San Diego
February 17, 2000, Los Angeles Chapter Meeting, box lunch program
February 26, 2000, San Luis Obispo, SAEDF Meeting

March 2000
March, 2000, San Diego Chapter Meeting, Old Town San Diego
March 15, 2000, Los Angeles Chapter Meeting, box lunch program

April, 2000
April, 2000, San Diego Chapter Meeting, Old Town San Diego
April 6, 2000, Los Angeles Chapter Meeting, box lunch program
April 15, 2000 SARA National Executive Board Meeting,
New York City, New York

April 29, 2000, CCSARA Board Meeting, location/date to follow

May, 2000
May, 2000, San Diego Chapter Meeting, Old Town San Diego
May 18, 2000, Los Angeles Chapter Meeting, box lunch program

June, 2000
June, 2000, San Diego Chapter Meeting, Old Town San Diego
June 15, 2000, Los Angeles Chapter Meeting, box lunch program

July, 2000
July 15, 2000 SARA National Executive Board Meeting, Cleveland, Ohio

October
October 17-22, 2000
SARA National Convention in Los Angeles; Professional Design Awards Program and Awards Banquet; Annual Assembly; Contact Mike Jones, FARA, at 619/299-8891
Third Place Award
$500

Community Center for Houston

Student
Andy Nguyen
University of Houston
Houston, Texas

Distinguished Honorable Mention

Library

Student
Monika Herrmann
Taliesin West
Phoenix, Arizona

January/February 2000
SARAscope 9
2000 SARA Technology News

Have you visited the SARA Web Site lately? Over 1,000 hits a month are being recorded and Loewen Windows will be our first Web Sponsor.

Click on the History page of the site and on the SARA Awards Section. You can find any SARA National Award Recipient listed by category. This feature can be updated annually and can be printed or downloaded from our site at any time.

Try the Member Services page. Click on search and a blank data base will appear. Type in a first name, or a last name, or a city, or a state, or any other category. Hit search and the member’s profile will appear. You can find member’s addresses, e-mail, areas of practice and State registrations. Potential clients can use this site also. Our private roster data base will be available in the near future, (accessible only by password) and will contain the other information our rosters had that we would like to make available to only fellow SARA Members.

The 2000 Officers with e-mail links are posted, as is the tentative 2000 LA Convention Schedule. Visit the site, mark the dates and preview the activities. The Calendar page will allow you to schedule SARA National and Chapter events, and, if you haven’t looked at the photos from last year’s Convention, click on them! We will be posting photos of this year’s Professional Design Awards and our hope is to have some technology exhibits at the Convention—CAD, Plotters, and software.

SARAtools is ever expanding. Take the time to see what is available for your use. All the SARAtools published in SARAscope are now available for your direct download from our website. Please visit the site: www.sara-national.org and e-mail or phone us at 760-340-1981 with comments and suggestions.

Rick Holden, FARA

SARAware

Now available for members and their families are SARAware. Currently available we have golf shirts, short sleeve with the SARALogo embroidered on the front. This shirt was introduced at the National Convention in Orlando last year. The colors are light gray knit with contrasting black trim on collar and sleeves. The knit shirts are 90% cotton and 10% polyester and are machine washable. Cost for shirts is $30.00/each including shipping in USA. Sizes are S, M, L, XL and XXL, (special sizes on request). These are available for immediate shipping. Mail your check payments to Chris A. Addington at 3434 Truxtun Avenue #240, Bakersfield, CA 93301. We are working on having the following in the near future:

- SARAhats
- SARAsweatshirts
- SARAshorts

We can custom embroidery the SARALogo on almost anything including clothing, jackets etc, you might have. The cost is $15.00 to have it done plus shipping.

Chris A. Addington, FARA
Is Becoming a Fellow in Your Dreams?

In October, at the National Convention of The Society of American Registered Architects, in the Grand Ballroom of the Disney World Hotel in Orlando, four members of SARA were elevated to the status of Fellowship. The four were Chris Addington of California, Gerald Gross of Florida, Edwin Junkin of Pennsylvania, and William Hezmalhalch of California.

You no doubt have had thoughts of becoming a Fellow and writing FARA after your name on your business card. To be designated as Fellow in any professional organization, such as The Society of American Registered Architects, is an honor not to be taken lightly. It is not an achievement (like a design award), but a gift, the opinion your peers of your accomplishments.

Anyone may nominate you for Fellowship, including you. After reading the short summaries of requirements below, and believing that Fellowship is within your grasp, write for the complete "Fellowship Application Checklist" and the procedure outline. This outline and checklist helps guide you through the application process.

The Fellowship Committee operates on the same principal as The Society - "Architect helping Architect", and though it is your obligation to convince the Committee, all serious and qualified candidates will be given studied consideration.

Outline Checklist:
1. Must be a member for not less than 10 years.
2. Must have provided exemplary service to The Society.
3. Must have practiced the profession of architecture as a registered (or licensed) architect for not less than 10 years.
4. Must provide evidence of outstanding achievement either in design, practice, construction procedures or service to or advancement of the profession of architecture.

For copies of the Fellowship Application Checklist and Outline, drop a request to Norman E. Minster, FARA, Chairman of The Fellowship Committee, 3310 North Seventh Street, Sheboygan, Wisconsin, 53083.

Norman E. Minster, FARA

Contract Zinger

How many times have you said, "I wish I had that language in my contract?" We are all blessed with exceptional 20/20 hindsight. The following contract clause has been a good tool—especially when we get introduced to the "dark side" of architecture. Please, if you decide to add this to your Owner Architect Agreement, consult with Council prior to its inclusion, (disclaimer for use, of course).

"Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions and because some of these assumptions cannot be verified without expending great sums of addition-

al money, or destroying otherwise adequate or serviceable portions of the building, the Client agrees that, except for negligence on the part of the Architect, the Client will hold harmless and indemnify the Architect from and against any and all claims, damages, awards and costs of defense arising out of the professionals services provided under this Agreement.

Our engineers are boring.

And that should excite you.

Whether it's testing core samples from deep borings or overseeing the construction of new wells, Kleinfelder staffs its projects with seasoned experts.

In everything we do at Kleinfelder, from water resources engineering, environmental site assessments and remediation, to geotechnical engineering, materials testing and construction management, we know that if we don't exceed your expectations, we don't deserve your business. Our solutions-oriented team approach allows us to identify your needs before they become problems. So, when boring is just what you need, call us.

Kleinfelder is a $100 million geotechnical, environmental, construction and materials engineering firm with offices throughout the western United States.
Practicing Architect

Joint Sealants are one of the least understood materials in construction by architects. Claims experts enjoy the opportunity to discuss this with architects, generally as most do not understand what type of sealant to use where and why. Hopefully this will be a basic introduction for you to start your understanding of basic sealant uses in construction.

Below are a few considerations to consider when selecting joint sealants.

1. Joint behavior is one of the prime considerations when selecting a joint sealant. Usually you have the following: Internal forces of materials forming joints include dimensional changes. External forces imposed by gravity, wind, rain, impact, hydrostatic pressure, abrasion, and earthquake loads act directly on the joint sealants or indirectly by causing surrounding materials to move. Mechanics of Joint Movement: For butt joints, the major stresses and strains on joint sealants are caused by expanding and contracting joints, placing sealants in compression and extension. For lap joints, stresses and strains are caused by one substrate sliding in relation to the other, thus inducing shearing forces in the sealant. With both butt and lap joints, all three kinds of movement (expansion, contraction, and sliding) can occur either separately or in combination.

2. Paintability is important to consider when selecting your sealant. Most silicone sealants are not paintable.
3. Joint substrate materials are important to consider. Some sealants will adhere to certain substrates. Example: Some storefront system sealants will dissolve EPS board with the out-gassing over time. Make sure the EIFS manufacturer approves the sealant you use with EIFS systems.
4. Temperature at installation of sealant and temperature of substrates is important to consider. Each type of sealant has a viscosity suited to particular conditions.
5. Life of the sealant in place and ability to replace the sealant if required over the life of the sealant in place.
6. Joint movement during and after sealant has cured. This can lead to overstressing the sealant and failure can follow. The color of sealant can affect the joint movement as dark surfaces exposed to the sun will heat up and undergo substantial movement due to heat alone not accounting for the movement of the substrates.

Sealant Classifications - Types
Type S products are those that require no job site mixing and usually furnished in prepackages cartridges. Type M products require job site mixing and usually have multi-parts usually a base material and a catalyst.

Sealant Classifications - Grades
Grade P products have sufficient flow to fill joints in horizontal surfaces to remain down to 40 degrees F. Normally this is used for products rated for traffic use. Type NS products are suitable for installation in joints in vertical surfaces without sagging at temperatures between 40 F to 122 F.

Sealant Classifications - Class
Class 12f and Class 25 are the two designations for rating movement capability. For example, Class 25 would be a sealant with a movement capability of +/- 25%. Be careful in selecting a sealant that meets the amount of movement you expect. Do not forget the values are in a laboratory environment and it is wise to run an actual test in the field to determine how it will perform on critical sealant applications.

Use Classification related to exposure
Use NT is nontraffic exposure and T is traffic rated.

Use classifications related to joint substrates.
Uses M, G, A refer to sealants that remain adhered, within given parameters, to various standard specimens including, respectively, mortar (M), glass (G), and aluminum (A) when tested for cyclic movement and adhesion-in peel.

Use O refers to substrate materials other than M, G, and A. Unless it is definitely known that the joint substrate materials for the Project are identical to the materials designated by M, G, and A,
### JOINT SEALANT SCHEDULE

Install sealant indicated in joints fitting descriptions and locations listed as well as in locations identified by drawing designation in first column below.

<table>
<thead>
<tr>
<th>DESIGNATION ON DWGS</th>
<th>JOINT SEALER</th>
<th>DESCRIPTION OF JOINT CONSTRUCTION AND LOCATION WHERE SEALANT IS TYPICALLY APPLIED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES1</td>
<td>TWO PART POLYSULFIDE POURABLE SEALANT</td>
<td>EXTERIOR JOINTS IN HORIZONTAL SURFACES OF CONCRETE WHERE SLOPE IS LESS THAN 1/8&quot;/FT USE BULKHEAD POUR. WHERE SLOPE IS GREATER THAN 1/8&quot;/FT USE GUN-GRADE MATERIAL.</td>
</tr>
<tr>
<td>ES2</td>
<td>ONE-PART MILDEW RESISTANT SILICONE SEALANT</td>
<td>INTERIOR JOINTS IN VERTICAL SURFACES OF CERAMIC TILE IN TOILET ROOMS AND SIMILAR USES AND HORIZONTAL NON TRAFFIC SURFACES OF CERAMIC TILE. TOILET ROOMS AND SIMILAR USES</td>
</tr>
<tr>
<td>ES3</td>
<td>MULTI-PART POURABLE URETHANE SEALANT</td>
<td>INTERIOR JOINTS IN HORIZONTAL SURFACES OF TILE WITH TRAFFIC SURFACES</td>
</tr>
<tr>
<td>ES4</td>
<td>ONE-PART NEUTRAL CURE SILICONE SEALANT</td>
<td>EXTERIOR AND INTERIOR JOINTS IN VERTICAL SURFACES OF CONCRETE AND MASONRY: BETWEEN CONCRETE MASONRY AND STONE; BETWEEN METAL AND CONCRETE, MORTAR, OR STONE. INTERIOR AND EXTERIOR PERIMETER OF JOINTS OF METAL FRAMES IN EXTERIOR WALLS. EXTERIOR OVERHEAD JOINTS, EIFS SYSTEMS, ROOFING SHEET METAL JOINTS, ETC.</td>
</tr>
<tr>
<td>ES5</td>
<td>ONE-PART NEUTRAL CURE SEALANT</td>
<td>EXPOSED JOINTS WITHIN GLAZED CURTAIN WALL FRAMING SYSTEMS, SKYLIGHT FRAMING SYSTEMS, AND ALUM ENTRANCE FRAMING SYSTEMS (NOT TO BE USED ON EIFS)</td>
</tr>
<tr>
<td>ES6</td>
<td>ACRYLIC-EMULSION SEALANT</td>
<td>INTERIOR JOINTS IN FIELD-PAINTED VERTICAL AND OVERHEAD SURFACES AT PERIMETER OF ELEVATOR DOOR FRAMES AND HOLLOW METAL DOOR FRAMES, IN GIPSUM DRYWALL, PLASTER, CONCRETE, AND CONCRETE MASONRY, AND ALL OTHER JOINTS NOT INDICATED OTHERWISE.</td>
</tr>
<tr>
<td>ES7</td>
<td>ACOUSTICAL JOINT SEALANT</td>
<td>JOINTS IN AREAS REQUIRED TO REDUCE AIRBORNE SOUND TRANSMISSION INCLUDING WALLS AND ELECTRICAL BOXES</td>
</tr>
<tr>
<td>ES8</td>
<td>BUTYL SEALANT TAPE-DBL. FACED</td>
<td>1&quot; WIDE DBL FACED SEALANT TAPE. METAL ROOFING</td>
</tr>
<tr>
<td>ES9</td>
<td>ONE-PART NEUTRAL CURE SILICONE SEALANT</td>
<td>EIFS SEALANT AS RECOMMENDED BY MFR.</td>
</tr>
<tr>
<td>FRS1</td>
<td>FIRE RESISTIVE JOINT SEALANT</td>
<td>SINGLE COMPONENT NEUTRAL CURE SILICON FIRESTOP SEALANT.</td>
</tr>
</tbody>
</table>
SARA Membership Application

The Society of American Registered Architects was founded in 1956 to make available to all architects a professional society in which they could participate, regardless of the roles in the architectural community. The philosophy of our organization is "Architect Helping Architect". The following are benefits of membership:

- SARAweb National Web site
- SARAtools, details, specifications, contracts and practice information
- SARAscope National Magazine
- SARA Continuing Education Programs
- SARA National Professional Design Awards
- SARA National Annual Convention
- SARA National Membership Certificate/Designation
- Professional on-line referral for clients
- State councils in numerous states in USA
- SARAware
- State Council Professional Design Awards
- Student Design Awards
- Student Scholarship Programs/Fund
- Professional recognition among peers
- Help referral, "architect helping architect"
- Personal involvement at all levels within the Society
- Camaraderie among fellow members
- Individual achievement recognition with National Awards
- College of Fellows
- State and National Legislative Monitoring

Because SARA starts with the principle of "Architect Helping Architect", it is set apart in that the Society of American Registered Architects is not self-serving and competitive but truly open in its membership and attitude. There are no "trade secrets" to be covered. Membership is based solely on the fact that you are a registered/licensed architect who wants to join and take part in the various benefits of membership. You don't have to be "sponsored" reviewed and approved for membership by vote of some committee. If you're an architect, you can be a member. SARA does not have any special fees mandated, or no corporate structure to maintain. Each member is an individual and the national dues are the same in every state. Local chapters and state councils are funded by membership dues distributed via national headquarters. The only voluntary contribution is the Student Scholarship Fund. The only requirement of membership is that you care about yourself, your fellow architects and your profession.

Membership Application

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305 East 46th Street, New York, NY 10017 (888)385-7272

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First
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Other

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E-mail

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City / State / Zip
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(4) Primary Architectural Registration:
State
Date of Registration
Registration Number

(5) Education:

(6) Current Membership in other Professional Organizations:

(7) Spouse's Name:

(8) SARA Membership Category Applying For

☐ GENERAL Membership - All Registered Architects = $195.00

☐ ASSOCIATE Membership - Non-Registered Architects = $65.00

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Please make check payable to the Society of American Registered Architects

January/February 2000

SARAscope
SARAtools
Available to SARA members, now on-line!

The spirit of "Architect Helping Architect" is the foundation of our Society. The following is a current listing of items available and how to access the tools. In the future as we accumulate more tools, we can make them available on a CD-ROM. You can now download SARAtools directly from SARAweb on our web site at www.sara-national.org after registering as a SARA member. We at SARA are glad to make them available to our SARA membership as a benefit of membership. You have the license to use these as long as your membership is current. We hope to develop our database of information being shared between architects in the true spirit of "architect helping architect". If you have any items you would like to share please drop me a line or a copy. Please consult with legal counsel prior to using any contract forms. There is no warranty or guarantee implied with use of these forms. User agrees to hold SARA, State Councils/Chapters and its officers harmless for any use of these documents.

2. **01305.02 - Submittal Check List/Instructions**, Submittal Check List with instructions. (Excel file and Word instructions).
5. **Short Form Specifications**, that fit on the drawings in lieu of a booklet, in AutoCAD format and can be edited. (9-D size sheets (24" x 36").
6. **01000.01 - Fee Proposal form**, allows you to prepare a short form proposal with various options and multipliers with instructions. (Proposal in Excel format, instructions in Word format).
7. **07600.01 - Architectural Sheet Metal Details**, describes pitfalls and what to review when designing sheet metal in your projects as well as a typical detail that can help you on the way to detailing. (Text in Word format and detail in AutoCAD Release 14.)
8. **09900.01 - Painting**, describes basic painting pitfalls and what to review when selecting paint materials in your projects as well as a typical schematic that can help you on the way to controlling the painting on your projects. (Text in Word format.)
9. **07920.01 - Joint Sealant Schedule**, describes pitfalls and what to review when selecting joint sealants in your projects as well as a typical joint sealant schedule that can help you on the way to proper selection and specifying joint sealants. (Text in Word format and detail in AutoCAD Release 14.)

SARAtools is expanding as your fellow members are making items that they have developed over the years available to SARA members. It is important that this transfer of knowledge be given to new and younger firms. This is in the true spirit of "architect helping architect". We are looking for any of the following items to add to our SARA National data base for use by our membership.

- **Contract Administration forms**
- **Details**
- **Specifications**
- **Outline Specifications**
- **Practice aids**
- **Contracts**
- **Employee Policies**
- **CADD information**
- **Estimating formats/forms**
- **Pitfalls you have experienced**
- **Design Awards tips**
- **Web page recommendations**

www.sara-national.org

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January/February 2000

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April 15, 2000
SARA National Executive Board Meeting, New York City, New York

July 15, 2000
SARA National Executive Board Meeting, Cleveland, Ohio

October
October 17-22, 2000
SARA National Convention in Los Angeles; Professional Design Awards Program and Awards Banquet; Annual Assembly; Contact Mike Jones, FARA, at 619/299-8891

January, 2001
SARA National Executive Board Meeting, (location to be announced).