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Virtual Museum
The Solomon R. Guggenheim Museum has commissioned the New York firm, Asymptote Architects, to design and implement a new Guggenheim Museum in cyberspace. The first phase of the Guggenheim Virtual Museum will be launched Fall 2000 as part of a three-year initiative to construct an entirely new museum facility. The structure will be an ongoing work in progress, with new sections added as older sections are renovated. The project will consist of navigable three-dimensional spatial entities accessible on the Internet as well as real-time interactive components installed at the various Guggenheim locations.

Major New Museum in New York City
Frank Gehry-Designed Project would create dramatic architectural landmark for New York. The fundamental rationale for the building project centers on the permanent collection and making extraordinary works of art available to a wider audience. A new Guggenheim Museum would take the pressure off the Wright building on Fifth Avenue. More of the pre-war permanent collection would be continuously on view in the original Museum's 50,000 square feet of gallery space, and the exhibition and education programs there would focus on art from the Impressionist period through the first half of the twentieth century.

The new Guggenheim Museum would have more than 200,000 square feet for exhibitions, with 75,000 square feet for the postwar permanent collection, and another 60,000 square feet for architecture, design, and multimedia art. "This space will allow the institution to grow into new areas and attract important private collections," said Krens. "These steps would not only support the long-term viability of the Guggenheim, but would provide an immeasurable benefit to all residents of, and visitors to New York."

In selecting Frank Gehry to design the proposed Museum, the Guggenheim has chosen an architect with whom it has had an enormously successful relationship. Gehry's design for the Guggenheim Museum Bilbao was universally praised by critics: Herbert Muschamp, chief architecture critic of The New York Times, called it "a miracle," and Ada Louise Huxtable, esteemed critic and architecture correspondent for The Wall Street Journal, called it "one of the most significant, as well as the most beautiful, museums in the world."

Frank Gehry has won practically every award bestowed in the architectural profession, including the Pritzker Prize, the Praemium Imperiale Award, the AIA Gold Medal, and the National Medal of the Arts. He has received a number of important recent commissions in major cities in the United States, including the Dali Museum in St. Petersburg, Florida, and the Walt Disney Concert Hall in Los Angeles. Perhaps surprisingly, he has not yet designed a major building for the New York metropolitan area.

As designed, the new museum building would occupy a total of approximately 520,000 square feet, augmented by significant public park and outdoor sculpture areas. The entire museum would be built on connecting platforms resting on piers at water level. In order to preserve the openness of the platform, and create a sense of space, light, and views from South Street through to the East River, the overwhelming majority of the museum building would be raised above the platforms. This design creates both a view corridor of the waterfront below the level of the FDR Drive, as well as a public waterfront promenade, sculpture garden, fountain, and an expansive public park on the platform, with access to the water for ferry service and possible other boat activities.

As presently conceived, the new Guggenheim Museum would create a dramatic architectural landmark on the waterfront in Lower Manhattan, providing an important cultural anchor for the community. Perhaps, most importantly, the project would represent a substantial investment in the life and resources of New York City, reinforcing the status of the city as the world's foremost cultural center.

Scott Guterman
Director of Public Affairs
Guggenheim Museum

Article courtesy of the Guggenheim Museum visit their web site for more information at http://www.guggenheim.org

Cover: Solomon R. Guggenheim Museum, New York City, architect Frank Lloyd Wright.
Photo by C. Addington

SARA
The Society of American Registered Architects
305 East 46th Street, New York, NY 10017
888-385-SARA
www.sara-national.org
National Code Consulting Firm Introduces Two New Slide Charts to Save Time in Building Review, Design and Inspection Processes


The Height and Area Limitation Guide enables a plan reviewer or architect to quickly verify construction type and allowable area of a building, depending on the use group. Although this office tool is not a replacement for the actual height and area calculation, it can be used to ensure the user is on the right track.

"This slide chart has the potential to save somebody two hours, depending on the variables," said Richard A. Piccolo, president of B & F Technical Code Services, Inc. For example, instead of doing three or four calculations to figure height and area requirements, a designer uses the slide chart to determine the variables and only has to compute the calculation once.

The other slide chart is the Gas Pipe Sizing Calculator. It assists the plan reviewer or architect in figuring gas pipe sizing without going to the codebook. This tool also benefits inspectors; they won’t have to carry the codebook to check the size of piping in the field because the slide chart will do that for them. As an added benefit, the slide chart fits into a shirt pocket.

"The Gas Pipe Sizing slide chart will save the field person a huge amount of time. It will also enable them to verify pipe sizes according to the code without guessing. Nobody likes to take the codebook into the field; now they can determine compliance right away," Piccolo said.

The slide charts are available from B & F Technical Code Services, Inc. for $19.95 each or $29.95 for both. When ordered online at www.bftechcs.com, users receive a free Plan Review Checklist with their order.

Habitat for Humanity and the Dow STYROFOAM Business

100°F, 100 Homes, 5 Days!
That’s what happened this June in Houston when Dow employees joined with Habitat for Humanity to build a home during the Jimmy Carter Blitz Build.

STYROFOAM Brand Insulation was installed on all 100 habitat homes, to help improve home comfort and keep utility cost low for the habitat families. Dow’s work with the Jimmy Carter Blitz Build is just one part of a four year agreement with Habitat for Humanity International.

Over the course of four years, Dow will be providing STYROFOAM Brand Insulation for all of Habitat’s North American Building needs plus $1 million in funding for Habitat blitz build projects around the world.


The PCI Design Handbook Precast Prestressed Concrete 5th Edition is an indispensable publication, providing designers with comprehensive and efficient procedures for the safe design of both architectural and structural precast and prestressed concrete products. The topics in the handbook are illustrated with numerous design examples that are in conformance with ACI 318-95. The manual is now available from PCI.

Contact www.pci.org

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

September/October 2000

SARAscope
Minnesota Council

The past month has been active. Through the efforts of one of our students, Melissa Graffias, we now have the Council on the web page. With the help of Second Wave we will keep it updated on current events happening within the Council.

The August meeting was a social occasion in Duluth. We toured the Glensheen Estate, now owned by the University of Minnesota. This is a magnificent turn of the century residence approximately 80% restored to its original condition. From there we toured the recently opened $33 million, 62,000 square foot, Great Lakes Fresh Water Aquarium situated on Lake Superior’s St. Louis Bay. The unique exterior of the building has become a very controversial subject in town. We finished the day with dinner at Fitgers Inn and then some members adjourned to our President’s residence for a night cap.

The next meeting is scheduled for the Minneapolis/St. Paul area, at which time officers will be elected for 2001.

Ray Blessner, FARA
Minnesota Council

California Council

CAL POLY SLO ALUMNI

Anyone interested in a little get together in San Luis Obispo? Friday night, October 6, 2000, we have a small bash planned. It started out as a reunion of sorts for the classes of 1972 and 1973. Why? Because we wanted to! It is actually open to anyone who might like to see OLD friends and hear and share OLD stories. George Hasslien will be there and we are inviting a few other faculty of that era.

On Saturday, October 7, the SAEDF will hold its annual meeting and all alumni are invited to that also. Following the meeting Holden Johnson Architects and CAS Architects will be hosting a wine & cheese reception honoring George for 50 years in teaching.

Plan on attending. If you haven’t been to SLO for awhile, come see what has changed. If you haven’t been on campus for awhile, you will want to see that too.

For further details or reservations, contact Rick Holden at 760-340-1981 or fax 760-346-6509 or e-mail Rick Holden, FARA at rick@HJArchitects.com.

They’re back at Architects Again

California has a proposition on the November Ballot again that deals with contracting out design services in California. The goal of Proposition 35 is to amend the State Constitution and remove the prohibition against contracting out for design services and replaces it with permissive language specifically allowing state and local government agencies to contract with qualified design firms.

Summary Prepared by the State Attorney General:

Amends constitution to provide that in the design, development and construction of public works projects, state government may choose to contract with private entities for engineering and architectural services without regard to certain existing legal restrictions which apply to the procurement of other services.

Specifies that local governments may also choose to contract with private entities for engineering, architectural services.

Imposes competitive selection process, which permits but does not require competitive bidding, in awarding engineering and architectural contracts.

Meaning of Voting Yes/No

A YES vote of this measure means:
The state could contract with private individuals or firms for architectural and engineering services only under certain conditions.

Under existing California law, services provided by state agencies must be provided by civil service employees. Exceptions can be made when services are (1) of a temporary nature, (2) not available within the civil service or (3) are highly specialized or technical. State agencies frequently contract out with private firms for environmental impact studies, as well as architectural and engineering services, but can do so only if the above exceptions apply. Local governments, however, can usually contract with private firms for any needed services.

Before the 1970s, any private firm could submit bids for state-funded construction projects. Firms would be chosen on the basis of competitive cost bids, with design and engineering qualifications being secondary. However, in the early 1970s, the Brooks Act became federal law. The act established the Qualifications Based Selection (QBS) process, which provides for advertising of needed services and selection of the firm deemed best qualified for those services. The California Legislature adopted the federal QBS criteria in 1990 for negotiating and awarding state and local architectural or engineering contracts.

Proposition 35 would do the following:
1. Remove existing restrictions on the state’s ability to contract with private firms for architectural and engineering services. Define “architectural and engineering services” to include all architectural, landscape architectural, environmental, engineering, land surveying, and construction management services.
2. Specifically include all projects in the State Transportation and Improvement Program.
3. Require contracts to be awarded through a fair, competitive selection process.

Fiscal Effect

According to the Legislative Analyst, contracting with private
firms for architectural and engineering services would be easier if restrictions were eliminated. Therefore, the state would probably contract out more of these services. But the fiscal effect of those contracts would depend largely on two variables: the cost of services, and the impact on construction project delivery.

Cost of services
The relative costs of salaries and benefits for state employees compared to costs for private firms will vary from project to project. Additionally, a sudden increase in construction activity might mean the hiring and training of new state employees, an added cost factor.

Construction project delivery
Contracting out could be more expedient and prevent the build-up of staff that may be needed only temporarily. In addition, earlier project completions could result in lower construction-related expenses.

Due to the variable nature of these cost considerations, the net impact on state costs is unknown.

Supporters Say
Proposition 35 will restore to state and local governments, special districts and school districts the choice to contract with private sector firms for architectural and engineering services, something 49 states do already. Private contractors, as in the existing law, would be chosen based on their qualifications.

Opponents Say
Proposition 35 will delay construction of roads, schools, health care facilities and other projects. Traffic congestion will get worse. The real purpose of Proposition 35 is to benefit huge engineering corporations that paid to put the proposition on the ballot.

New California Assembly Bill 701
AB 701, Lempert. School facilities: certified architect or structural engineer. Under existing law, contracts entered into by and between a school governing board and any certified architect or structural engineer are required to provide that plans, specifications, and estimates are property of the school district. This bill would make the plans, including, but not limited to, record drawings, specifications, and estimates related to a project for the purposes of additions, alignments, or other development on the site. The bill would provide that a school district that chooses to reuse the plans within the school district would be required to specify the terms and conditions for the reuse in the contract entered into between the school district and the architect or engineer.

Armstrong World Industries News
Armstrong World Industries, the world's largest manufacturer of acoustical ceilings, has announced a program that allows building owners to recycle their old ceiling tiles rather than dumping them in landfills.

As part of the program, the company will even pay the cost of shipping the old ceilings to its plant, which it uses as raw materials in the manufacture of new acoustical ceilings.

The program is the first of its kind to offer reclamation as an earth-friendly alternative to landfill disposal of old commercial ceilings from renovation projects.

The program involves three steps. First, building owners need to verify that their old ceiling tiles can be recycled. Neither the old nor the new replacement ceilings need to be Armstrong products to qualify for the program.

Following verification, owners must then stack their old ceiling tiles on pallets and wrap them for pick-up. More detailed information on packaging procedures is available from the company.

Once there is a full trailer load of old ceilings, the owner simply needs to contact Armstrong. The company will then arrange for a truck to pick up the material anywhere in the continental United States and transfer it to its nearest manufacturing facility. Armstrong will pay the freight for shipment to the plant.

In a recent time analysis, the process for recycling old ceilings proved to be nearly as fast as dumping them, so the program should have little, if any, adverse impact on demolition or renovation schedules.

A number of environmentally sensitive corporations -- such as Microsoft, General Motors, Aetna and others -- have already taken advantage of Ceiling Recycling Program in their attempts to cut back on landfill disposal of building materials.

All Armstrong ceilings contain recycled materials. While a portion of the content is old scrap ceilings, the company also uses waste products from other industries. Most of that waste is in the form of old newsprint and a by-product of steel production known as "mineral wool."

Additional information on the ceiling recycling program may be obtained by calling 1-888-CEILINGS (1-888-234-5464).

Acquisition of Metal Ceiling Manufacturer
Armstrong World Industries, Inc. took a significant step to expand its worldwide ceilings business by announcing it would acquire privately-held Switzerland-based GEMA Holdings AG, a leading manufacturer and installer of metal ceilings.

GEMA, with sales of nearly $50 million, has two manufacturing sites located in Austria and Switzerland and employs nearly 300 people. GEMA will become part of the metal ceilings group within the worldwide building products organization, which is led by Armstrong.
AWARD OF HONOR RED RIBBON

BERNARD WEINGER JEWISH COMMUNITY CENTER
Northbrook, Illinois

The Center is a 65,000 S.F. facility containing a pool, gym, classrooms, day care center and nursery school. Masonry was chosen as a material, which would be appropriate to both the scale of the day-care center and the public nature of the recreational wing. The brick masonry is detailed in a modern idiom, developing all walls as planes or volumes. The strong color and texture of the brick helps to express the sculptural nature of the building. The strong line of the horizontal entry canopy and the transparency of the centrally located lobby integrate the entire complex.

Architect
A. Epstein and Sons International, Inc
Chicago, Illinois

AWARD OF HONOR RED RIBBON

MILKEN COMMUNITY HIGH SCHOOL OF THE STEPHEN S. WISE TEMPLE
Los Angeles, California

The private High School is located in the Sulpudeda Pass in Los Angeles. The campus was designed to terrace down the mountainside from Mulholland Drive, thus reducing the mass of the structure and integrating the buildings into the site. The school will serve the Jewish day schools of the Reform and Conservative Congregations throughout the City of Los Angeles and will have a total enrollment of 650 students when completed.

Architects
Robbins & Bown, Inc. & Leidenfrost Horowitz Associates, Van Nuys, California
AWARD OF MERIT
BLUE RIBBON
ALLIANCE FRANCAISE de CHICAGO
Chicago, Illinois

The Alliance Francaise sought to expand its existing facility into a newly purchased building that abuts the existing property at the rear gardens and alley. The architect reorganized the facilities within a twin building, 17,000 S.F. campus and created a linking addition that couples the two buildings and solves egress and accessibility problems for both structures. Responding to the client’s desire to reinforce the French culture’s respect for the contextual coexistence of traditional and contemporary forms, the design attempts to preserve the character of the existing, turn-of-the-century terracotta and limestone facades while providing a clearly contemporary and minimalist architecture that creates a museum-like environment for the client’s eclectic collection of period furnishings.

Architect
DeStefano and Partners
Chicago, Illinois

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AWARD OF HONOR
RED RIBBON

GLENVIEW PUBLIC WORKS FACILITY PHASE III
Glennview, Illinois

The project is a 32,000 S.F. structure consisting of two buildings. This project is an in-fill project built between two existing phases and has been developed utilizing the same materials. The Employee Facilities Building has been developed as a single-loaded, masonry structure, maintaining the street wall and utilizing the program to connect the previous two phases.

Architect
A. Epstein and Sons, International, Inc
Chicago, Illinois
AWARD OF HONOR
RED RIBBON
RESIDENCE
1518 CENTRAL AVENUE,
Wilmette, Illinois
The original brick bungalow with two bedrooms on the first floor and a poorly furnished attic did not meet the needs of a growing family. The goal was to increase the amount of living space on the first floor, provide four bedrooms and two full baths on the second floor and to provide a home office. Constraints on budget, schedule, and zoning restrictions all indicated that this work are contained within the original footprint of the existing house to avoid pouring any new foundations.
Architect
Myefski Cook Architects, Inc.
Glencoe, Illinois

AWARD OF HONOR
RED RIBBON
OAKBROOK RESIDENCE
Oakbrook, Illinois
This project totally renovated and expanded an existing ordinary 1950’s 3,300 S.F. Ranch into a 4,500 s.f. Prairie Style home. The client was not interested in tearing down the house or building completely new since this was the house in which they had raised their family. Exterior materials were chosen to accentuate the Prairie Style. Roman brick, synthetic stucco, along with true divided lite windows, and copper and cedar eave detailing all replaced existing finishes. Millwork and wall finishes drew from historic profiles and colors, and were carried throughout the interior.
Architect
Barnes Architects, Ltd
Elmhurst, Illinois
AWARD OF HONOR
RED RIBBON
BARBOUR SCHOOL
Rockford, Illinois

Rockford Public Schools' mission for this new, K-8 magnet school is to achieve full Spanish English fluency and two-way cultural immersion for all 750 students. The design supports this unique educational program by reinforcing various Latin American cultural traditions within a state-of-the-art physical environment. This magnet program is a court-ordered remediation response to a Federal court takeover of the Rockford Public School System. Organized around a courtyard, the 84,000 S.F. building's plan includes administrative office space, a full-service kitchen and dining center, classrooms ranging in size from 900 to 1,200 s.f. and full special education facilities. Responding to the City of Rockford's intention that the building also function as a community resource, the design groups the gymnasium, cafeteria, art, music and multi-purpose rooms within one wing of the building to provide secured after hours and weekend access.

Architect
DeStefano + Partners
Chicago, Illinois

AWARD OF MERIT
BLUE RIBBON

ROUGH CREEK LODGE AND CONFERENCE CENTER
Irdell, Texas

The owner sought to create an executive retreat on an 11,000 acre ranch that would provide sleeping accommodations for 80 and up to 200 guests for special occasions. The lodge is intended to extend the strong and lasting sense of place inherent in this site to create a compound that is particular and memorable. Qualities of the horizon, land contours, vegetation, light qualities, textures, materials, and colors of the site all served as inspirations.

Architect
PageSoutherlandPage
Austin, Texas
AWARD OF MERIT
BLUE RIBBON
WHITTMAN-HART
WEST LOOP CAMPUS
Chicago, Illinois

Whittman-Hart will relocate its Corporate Headquarters from a downtown high-rise to the West Loop Campus, where the firm's Chicago branch office and training center are currently located in a loft-type building at the northeast corner of the block. Three contiguous buildings at the southeast corner of the site will be integrated into the campus, and four new buildings, including a 670-car parking facility will be constructed in three phases.

Architect
Gonzales Hasbrouck
Chicago, Illinois

AWARD OF MERIT
BLUE RIBBON
SHARON'S CALIFORNIA HOUSE
Manhattan Beach, California

Architect
Holabird and Root
Chicago, Illinois
AWARD OF HONOR
RED RIBBON
THE TERRACE OFFICE PARK, PHASE 1
Austin, Texas

The program requirements were for the master plan and design of the initial two speculative office buildings of a 1,000,000 S.F. mixed-use development. The site is located in an environmentally sensitive area covered by strict development ordinances, a 60' building height ordinance and glazing requirements to meet city energy requirements. The project also had very tight budget constraints. Buildings were designed to nestle within the surrounding thicket while allowing maximum views from upper stories of the skyline and hill country. The five-story building façade grows out of the site as heavy limestone walls with "punched" window openings at the lower floors with window areas gradually increasing to full floor-to-ceiling glazing at upper floors.

Architect
Page Southerland Page
Austin, Texas

AWARD OF HONOR
RED RIBBON

GALTER HEALTH SCIENCES LIBRARY RENOVATION AND EXPANSION, Chicago, Illinois

The project restores the library’s original room, improves orientation, and addresses the space needs of staff, users and collections as well as the electronic library. Built as a single room in 1927, the Health Sciences Library underwent a major expansion project in the 1960s. The restored reading room features a Gothic arch over the entrance, stained oak casework, exposed beam ceilings with colorful stenciling, busts of the founders, and decorative leaded glass windows.

Architect
Holabird & Root
Chicago, Illinois
1999 Professional Design Awards

AWARD OF MERIT
BLUE RIBBON

ALLEN THEATRE
Cleveland, Ohio

The main objective was to rehabilitate a grand silent movie palace, built in 1921, by renovating the existing public areas to its former glory, and by adding performance areas to accommodate current and future large-scale high-tech, Broadway-style productions. The theatre contains a wealth of architectural detailing, including illusionistic windows, figurred panels and lavish materials. The renovation retained that image with meticulous cleaning and repair, relighting of side boxes, replacement of plaster moldings and paint restoration based upon extensive historic research.

Architect
GSI Architects, Inc.
Cleveland, Ohio

AWARD OF MERIT
BLUE RIBBON

ALLISON HALL DINING FACILITY ADDITION
Evanston, Illinois

Located in a 1959 university dormitory, the existing crowded and outdated dining facility needed a 14,000 S.F. renovation and addition to double its serving capacity and provide a more comfortable environment for campus diners. The new 400-seat facility features a renovated kitchen, serving areas, a new public dining room, and two new private dining rooms. The design successfully improves the existing exterior and provides sunny and open spaces for the once dark and cavernous dining facility.

Architect
Holabird and Root
Chicago, Illinois
AWARD OF MERIT
BLUE RIBBON
NORTH HALSTED STREETSCAPE
Chicago, Illinois

Commissioned by the City of Chicago Department of Transportation, this $3.5 million streetscape improvement celebrates the contribution of the gay and lesbian community to the revitalization of Halsted Street on Chicago's north side. The project covers almost one mile of primary commercial frontage, now one of the largest concentrations of gay-owned dining, shopping and entertainment venues in the world. This project was strongly supported and indeed made possible by the commitment of Chicago Mayor Richard M. Daley, who personally sponsored the ribbon cutting in October 1998.

Architect
DeStefano + Partners
Chicago, Illinois

(Award Recipients with no photos available at printing)

Award of Excellence, Gold Ribbon
Daniel P. Coffey & Associates, Ltd.
Chicago, Illinois, for the Oriental Theater in downtown Chicago, Illinois.

Award of Merit, Blue Ribbon
Arthur Dyson Architect, Fresno, California
Woods Residence, Coarsegold, California

Berman & Bertolini, Inc., Encino, California
Sangnoo Villa Apartments, Los Angeles, California.

The Stephen B. Jacobs Group, New York, New York
Providence Grand Hotel, Providence, Rhode Island.

Award of Honor, Red Ribbon
Arthur Dyson, Architect, Fresno, California
for the design of the Hilton Residence in Walton County, Florida
Interior Systems remodeling project in Fresno, California.
SARAware

Now available for members and their families—SARAware!

SARAware Golf Shirts

Now available—we have golf shirts, short sleeve with the SARA logo 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.

SARAware Sweatshirts

Currently available—Henley style Sweatshirts, long sleeve with the SARA logo embroidered on the front. These sweatshirts were introduced at the National Board Meeting in New York this past April. The colors are black textured knit with contrasting red plaid trim on collar. The knit shirts are 90% cotton and 10% polyester and are machine washable. Cost for shirts is $35.00/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
- SARAshorts

Note: We can custom embroidery the SARA logo 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

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14 SARAscope
U.S. EPA / V.O.C. TROUBLESHOOTING GUIDE

The U.S. EPA has issued new regulations, which limit the Volatile Organic Compound (V.O.C.) content of many construction liquids. The U.S. EPA's goal is to reduce solvent emissions by at least 100,000 tons annually. These emissions contribute to the formation of ground level ozone (smog). To comply with these new regulations, the options available include switching to water-based products or utilizing higher solids content solvent-based products. (More solids reduce the percentage of overall solvents in the formulation—see new specification, ASTM C 1315).

The six main construction-related categories targeted by this regulation include:

1. Concrete Curing Compounds
2. Concrete Curing & Sealing Compounds
3. Form Release Agents
4. Primers / Undercoaters
5. Concrete Protective Coatings
6. Bituminous Coatings & Mastics

The following are some general guidelines on what to expect when working with these new formulations:

WATER-BASED TECHNOLOGY
Safe, non-toxic, cleans with soap and water
No special protective gear required, user-friendly longer drying time
No dangerous fumes
Economical
Bluish white when wet, dries clear
Safe, easy disposal of empty containers
Heated storage (Do not freeze)
Cheaper freight rates (Non-regulated freight classification)
Fewer restrictions on spillage, clean up, EPA notification, etc.

RE-FORMULATED EPA SOLVENT PRODUCTS
Flammable / combustible, cleans with mineral spirits-type products
Requires special handling (Combustible / flammable vapor present)
Dries faster
Safety glasses, protective clothing, gloves, respirators, etc.
Requires proper ventilation
Significantly more expensive
Clear when wet and dry
Flammable / combustible – Special Storage (varies by local fire code)
More expensive freight costs - CDL considerations, - Truck placards/HAZ MAT regulations
Very stringent environmental clean up, site remediation, EPA notification, etc.

* Water-based and solvent-based products are not compatible when mixed together and will clog spraying equipment. Solvent-based products require higher sprayer pressure to go through nozzles. Water-based products require a finer mist to function properly. (Suggestion: Chapin nozzle #6001 for W/B - 1/10 gal./minute vs. Chapin #8005 - 1/2 gal./minute for solvent-based.)

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RESEARCH CHAMPIONS USE OF
DUPONT CORIAN® IN FURNITURE
AND LIGHTING APPLICATIONS

Can you visualize yourself sitting comfortably in an elegant armchair created entirely from the same material as your kitchen countertop? The students at the Rhode Island School of Design (RISD) -- one of the country's most respected design schools -- spent two semesters researching this very question. As a result of a partnership between the school and the makers of DuPont Corian®, the students were offered the opportunity to substantiate the use of this innovative solid surface material for applications in furniture and lighting design.

Begun in fall 1998, "Integrating RISD students into the research and development component of a corporation such as DuPont Corian® provides a combination of inspiration, invention, engineering and product development with the context of practical applications," according to Alphonse Mattia, professor, Department of Furniture Design, RISD.

The students made several discoveries while working with Corian®. Because edges can be shaped and surfaces can be finished before molding, the finishing process is faster with Corian® than is with other materials. Corian® works best with woodworking tools and techniques, so it can be handled with most basic woodworking machinery including the lathe, router and table saw. And maintenance and cleaning of the objects produced is simple once complete. This factor, and its ability to survive the elements, make Corian® appealing to the students for both indoor and outdoor settings. The weight of the material also makes it appealing for outdoors, since most outdoor furniture is often too light and blows over. Finally, the students confirmed that Corian® is durable and easy to repair.

DuPont Corian
www.corian.com

TECHNICAL CODE SERVICES, INC. INTRODUCES

new slide charts to building officials and designers to save time in review, design and inspection.

Use the Height and Area Limitation Guide to verify the construction type and allowable area of buildings. Instead of doing four calculations to figure height and area requirements, use the slide chart to determine the variables and you only have to do the calculation once. Use the Gas Pipe Sizing Calculator to figure gas piping size without the codebook. When you need to find gas piping sizes, you won't waste time thumbing through pages of text.

So put down the book and pick up your slide charts.

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CLEVELAND ROCKS!!

LA 2000, this year’s National SARA Convention is drawing near and if our recent National Board Meeting is any measure, Convention 2001 in Cleveland promises to be just as exciting!! We toured much of downtown and the convention hotel is only a few blocks from Jacobs Field, home of the Cleveland Indians and a really nice structure. Anita and I chose to walk to the Rock and Roll Hall of Fame by I. M. Pei. What a great structure and a fun experience. Rumor is that the 2001 Professional Design Awards Banquet might be held there, but more on that in later issues. Within site of the Hall of Fame is the new Cleveland Browns Stadium, maybe we can take in a game during the convention??

We took a boat cruise that included a band and dinner and later cruised up the river by all the crowded and fun-looking eateries—a few of which I am sure we will visit. Not enough time at the Board Meeting, but I know we are looking forward to Convention 2001. That is, right after we enjoy LA2000.

Richard Holden, FARA

Detectable Warning Pavers by Hanover

A quote from the US Architectural and Transportation Barriers Compliance Board.

"platform edges in new and altered rapid, light, commuter, and intercity rail stations to have detectable warnings. Additionally, key rapid, light, and commuter rail stations and all intercity rail stations must install detectable warnings where platform edges are not otherwise protected by screens or guard rail."

United States Architectural and Transportation Barriers Compliance Board

Detectable Warning™ Paver

In response to the American Disabilities Act, HANOVER® has been working with various government agencies, and the D.O.T. to design and provide a paver which would aid the partially sighted and blind pedestrian. The top surface has non-slip properties and has incorporated raised truncated domes which are readily detectable under foot, as well as, by cane.

The Detectable Warning Paver™ paver can be manufactured in several sizes and colors to enable its use in a variety of municipal sidewalk applications. The paver is supplied in colors to suit design requirements which would contrast the pavement and conform to code.

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September/October 2000
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 their roles in the architectural community. SARA also allows other types of memberships besides professional architects. We offer a student membership for students who want to be affiliated with a professional architectural organization. Student membership requirements are that you be an architectural student enrolled at an accredited school, college or university of architecture.

The philosophy of our organization is "Architect helping Architect". This philosophy is not just limited to architects, but to the entire team that it takes to facilitate business to do what we do as an architectural profession and its related interest. We must maintain the profession and make sure that the next generation of architects has the knowledge that we have learned and we must be prepared to pass the baton. By being a Student Member you will be exposed to our ideals, philosophies and knowledge as a professional architect, architectural intern and student. Our goal is to help you become an architect and make sure you will be able to share the knowledge we have shared with you to others for the betterment of our profession.

Benefits of Membership as an Student:
- SARAweb National Web site
- SARAtools Practice information
- SARAscope National Magazine
- SARA National Student Professional Design Awards
- SARA National Annual Convention
- State councils in numerous states in USA
- SARAware
- Student Scholarship Programs/Fund
- Camaraderie among fellow members
- 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 Student to our industry who believes in our philosophy of architecture. Please visit our web site for more information on other types of memberships we offer.

Student Membership Application
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(4) Anticipated Date of Graduation:

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(7) SARA Student Membership Dues = $15.00 year

Signature of Applicant

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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.

1. 01305.01 - Submittal Log/Instructions, log with instructions, (Excel file and Word instructions).
2. 01305.02 - Submittal Check List/Instructions, Submittal Check List with instructions. (Excel file and Word instructions).
4. SARA Contract 1.01 - Short form contract between Owner and Architect, (contract in Word format).
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.
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 sheen schedule 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.)
10. 00600.01 - Notification of Award and Request for Documents, describes the required documents for a contractor to provide after being awarded a project. (Text in Word format and Checklist in Excel.)

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 items to add to our SARA National data base for use by our membership.

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October 18-22, 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).

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

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

SARA 2000
National Convention
Los Angeles
October 18th-22nd

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