



# THE *Archi*

FRATERNITY FOR ARCHITECTURE  
AND THE ALLIED PROFESSIONS



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## Charles Burchard Appointed Worthy Grand Architect

The Grand Council is proud to introduce Brother Charles Burchard (Metagenes) as the newly appointed Worthy Grand Architect.

Mr. Burchard replies, "I am delighted with my appointment as Worthy Grand Architect of the National Fraternity." As a noted designer, administrator, teacher, and author, Brother Burchard is very active in all aspects of the architectural profession.

A brief look at Charles Burchard's credentials make apparent his lifetime involvement in architecture. With a B. Arch. from Massachusetts Institute of Technology, M. Arch. from Harvard, 16 years of professional practice, and 7 years of teaching as an assistant professor at the Harvard Graduate School, Brother Burchard received the appointment of Dean of the College of Architecture and Urban Studies at Virginia Polytechnic Institute and State University. Upon restructuring and implementing a new curriculum with success, he became well known in the field of professional education. Mr. Burchard authored and has had published many writings on approaches to architectural education and establishing curriculum. As dean (and founder) of the school, he broadened the opportunities for education by offering many new programs and fields of study since his acceptance of the position in 1964.

Charles Burchard has been very active and held key positions in other architectural organizations as well. He has received citations for contributions to education by the ASCA, AIA, NAAB, AIA Journal, Progressive Architectural Journal, and Journal of Architectural Education. As the director of the National Architectural Accreditation Board, Mr. Burchard was instrumental in its restructuring process. His extensive participation as president of the Association of Collegiate



CHARLES BURCHARD  
Worthy Grand Architect  
*Photo—Virginia Polytechnic Inst.*

Schools of Architecture facilitated the reorientation and reorganization of the ASCA in reference to a new educational program emphasis.

Brother Burchard frequently participates in national professional meetings and conferences and has been honored by recognitions such as "Who's Who in America," and "Who's Who in American College and University Administration". He has also been recommended by the Active Metagenes Chapter for the Alpha Rho Chi Silver Medal for his distinguished service to the fraternity.

Charles Burchard retired from his education career last June (spring 1979) after 15 years of service and now the active and alumni chapters of Alpha Rho Chi look forward to his experienced leadership abilities.

Truly, Brother Charles Burchard has an impressive record of involvement and concern for architecture and we are honored that he has accepted the title of Worthy Grand Architect of Alpha Rho Chi.

### **A Message from the Worthy Grand Architect**

In accordance with the constitution and bylaws of the Alpha Rho Chi Fraternity, I have been appointed Worthy Grand Architect, upon the resignation of my predecessor, and to serve until the next regular convention of the Fraternity. I am honored by this appointment and find it a challenging assignment: — challenging because of aspirations which appear to exist for a mission re-appraisal and the imple-

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## **BROTHER RHODES RESIGNS AS W.G.A.**

10 September, 1979

Edward A. Rhodes  
1415 45th Street  
Pendleton, Oregon 97801

Dear Brother Rhodes,

The Grand Council wishes to thank you for your service the past six years as Worthy Grand Architect and before that as Executive Director. Your term of service was during one of the hardest times for fraternities in the nations history. We wish to also thank your wife and her work as the National Office Secretary. The time has come for all of us to make a concerted effort to realize our goals. The future belongs to all of us, but we must be strong enough to grasp the opportunities presented by it. With all of us working for Alpha Rho Chi as you and your wife did, we can all prosper and contribute to the profession, our fraternity and ourselves. Once again the Grand Council thanks you and your wife.

Faternally,

Charles Burchard  
Worthy Grand Architect

Ronald L. Grogan  
Worthy Grand Scribe

Charles L. Weaver  
Worthy Grand Estimator

Just as the Grand Council enthusiastically receives Brother Charles Burchard, we reluctantly accept the resignations of Brother Ed and wife Lauren Rhodes as Worthy Grand Architect and working secretary of the National Fraternity.

The National Fraternity wishes to express great appreciation to Ed and Lauren for their devoted service for over 6 years. As W.G.A., Ed's leadership enabled Alpha Rho Chi to withstand the test of time as the Greek system suffered from an era of apathy and decline on college campuses. He is

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Photo—Virginia Polytechnic Institute

Charles Burchard views student work recently at Virginia Polytechnic Institute.

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mentation of goals mandated by the convention held earlier this year.

The Grand Council met recently in Ithaca, from August 10th to 12, 1979, to discuss methods for further articulating and implementing immediate and long range goals, to outline a framework for a cooperative venture on the part of the Grand Council and, because of my professional-educational credentials, to define a role-emphasis for me in professional development for the Fraternity. A calendar for action was also established during the Ithaca meeting for improving the functions of the National Fraternity, the Grand Council and the relationships with active chapters; the national services to be provided, the financial programs and directions, and the issues to be addressed in public relations.

Future Grand Council meetings will continuously expand upon this formative framework, and positive reporting channels will be sought. Eventual success, however, will depend upon a viable participatory process, and it is my hope that you communicate to me ways in which you perceive that we can most effectively assist in development of your chapter activities, in alumni programs, and in Schools of Architecture. I hope you will find the coming years to be as exciting as they appear to me and that with your help and support, we can assure a continued and illustrious evolution of an important professional fraternal organization.

Fraternally,  
Charles Burchard, FAIA  
Worthy Grand Architect

## ALUMNI PARTICIPATION IN EXHIBIT RECEIVES THANK YOU

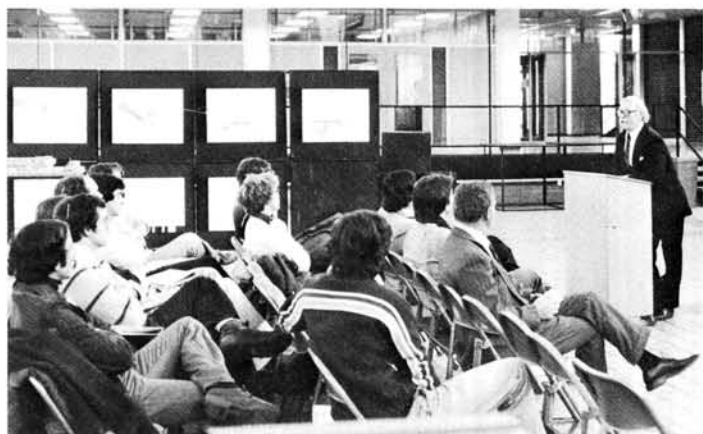
At the National Convention in January, Mark Soroko (Mnesicles) organized and implemented the Alpha Rho Chi Alumni Exhibit at the University of Minnesota. This event coincided with the Convention to bring added interest and participation from local Alumni at the Convention. The rest is history. Following is part of Brother Soroko's letter of Thank You to the Exhibit participants which exemplifies the positive spirit of Alpha Rho Chi as it looks forward to the years ahead.

Thank you for the use of your work in the A.P.X. alumni exhibit at the school of architecture. It was a terrific success. We had the exhibit up four days in the jury room, and we always had a good crowd in there looking at the display. Having the convention at Minneapolis, and being able to sponsor this kind of an exhibit, helped the active chapter re-establish a good positive relationship with the school's administration. It also helped project a professional, scholarly image that will be of great help in recruiting members.

Many of the people touring the exhibit: students, faculty, and delegates were impressed by the high quality design work and technical skills demonstrated by submissions to the Alumni Exhibit. To my knowledge this is the first exhibit of office work done by graduates of the U. of M. that has been put together. Ralph Rapson, head of the School of Architecture, thought it was "wonderful"!

The 36th national convention of Alpha Rho Chi went very well.

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Ralph Rapson lectures and discusses the state of the art with Alpha Rho Chi Convention Delegates, Alumni and Members.



Delegates discuss the Alumni Exhibit and architecture in general with Ralph Rapson (second from right) and architect Saul Smiley (extreme right).

## RICHARD WEST, CLEISTHENES ALUMNI INVOLVED IN SOLAR HOME PROJECT

*Reprinted from the Houston Post.  
Story by Jim Maloney, Post Reporter.*

### Local firm to construct solar home

By JIM MALONEY, Post Reporter

The Department of Housing and Urban Development has selected a Houston company, Spartan Technologies Inc., to build a home using passive solar energy for heating and cooling.

Richard A. West, an intern architect, who designed the home, said the company is looking for a place to build the home.

"The savings to be gained from the use of passive solar energy depends on the lifestyle of the people occupying the home," West said. It can be significant, but it takes a little thought. But there's nothing difficult about it."

Passive solar energy does not require any specialized mechanical equipment.

**INSTEAD, THE HOME IS PLACED TO TAKE** maximum advantage of solar radiation.

HUD held a national competition for passive solar design and construction "to identify and publicize effective home use of solar energy and to provide new ideas to America's builders and homeowners and how best to use the sun's energy to help meet home energy needs," a HUD announcement said.

Spartan got \$5,000 to design the home and will get \$7,000 when construction is complete.

West said if a home is properly built here, it would be comfortable with just the windows open about four months a year, around mid-February to late April and from mid-October until mid-December.

The Spartan home will have an insulated foundation slab. There will be no glass on the east and west sides. All the home's glass is shaded.

The roof of the house has 12 inches of glass fiber insulation and the walls, which are lined with a plastic sheet, are built on 2- by 6-inch studs and are insulated.

**ADDITIONAL NATURAL INSULATION WILL BE** gained through 5-foot-high beams on two sides of the house. *Continued on page 7*

# 36TH NATIONAL CONVENTION MEETS AT CROSSROADS IN MINNEAPOLIS

The 36th National Convention of Alpha Rho Chi was held January 3-7, 1979 in Minneapolis, Minnesota. The host chapter, Mnesicles, had prepared a busy agenda for the convention delegates. Some of the activities included:

- Workshops dealing with fund raising/finances, interpersonal communication, rush, public relations and getting committees organized.
- Viewing of the movie "Genesis" in the wrap-around Omni Theater in St. Paul.
- Cocktails and dinner at the top of the IDS Tower in downtown Minneapolis with a dissertation by R. Buckminister Fuller.
- Ralph Rapson, Dean of the School of Architecture at Minnesota lecturing on architecture with a viewing of an exhibition of alumni work.
- Committee work.
- Parties.
- National Meeting.

The National Meeting was action packed with 39 motions acted on by convention delegates. Highlighting some of the motions passed by the delegates:

- The Grand Council through the W.G.E., shall audit Alpha Rho Chi's financial status every four years.
- A meeting be held in January 1980 to discuss restructuring the National Fraternity financial portfolio.
- The Grand Council will examine methods of improving the organization and maintenance of the fraternity records.
- An active national expansion program be implemented at fourteen institutions that have indicated interest in establishing a chapter of Alpha Rho Chi.
- The Dinocrates Colony was established with Xenocles and Cleisthenes chapter assigned responsibility of assisting in the full reactivation of the Dinocrates Chapter.
- Cleisthenes Chapter will host the next convention.



*The Badge hanging over the Convention activities.*

At the Convention, chapters and alumni associations submitted reports of their status. Chapters listed their memberships, financial status, social and professional activities, current officers, relationship to the school and profession, and suggestions for betterment of the fraternity. Most commonly suggested in the last category was improved communications and increase in membership.

The active membership of Alpha Rho Chi currently numbers about 200. Looking forward to the prospects of new chapters and interested student groups being contacted by the Grand Council, we hope to improve our membership numbers by the next convention. The establishment of the Dinocrates Colony, the letters of intent to set up colonies from several student groups at schools of architecture, and the regional approach to outline growth potential and contact responsibilities are positive steps toward growth.

Newly elected officers at the convention were Charles L. Weaver as Worthy Grand Estimator and Ronnie Grogan as Worthy Grand Scribe. We wish them well and lend our support as they assume new responsibilities. Future editions of the ARCHI will present each formally.

The National Convention in Minneapolis was truly a crossroads for Alpha Rho Chi. Collectively we examined ourselves and determined a path that leads to growth. Led by the Grand Council, each member of the Fraternity is necessary to lend support in keeping the Fraternity and ideals that it represents moving along the growing road.

*"Do you suppose they all carry hot water bottles and Johnny hand warmers?" Delegates leave their living accommodations by bus to the Chapter House.*



*Tom Eisle views the National Convention proceedings just prior to being granted full voting privileges as the Dinocrates Delegate.*

*Committee Work.*





*Jeff Krueger as Secretary of the Convention and Charles Tarr as President, conduct business as Bruce Tiffany, Court Reporter records the Convention.*

*Brother Ronnie Grogan explains some finer points of the By-Laws to interested Delegates.*

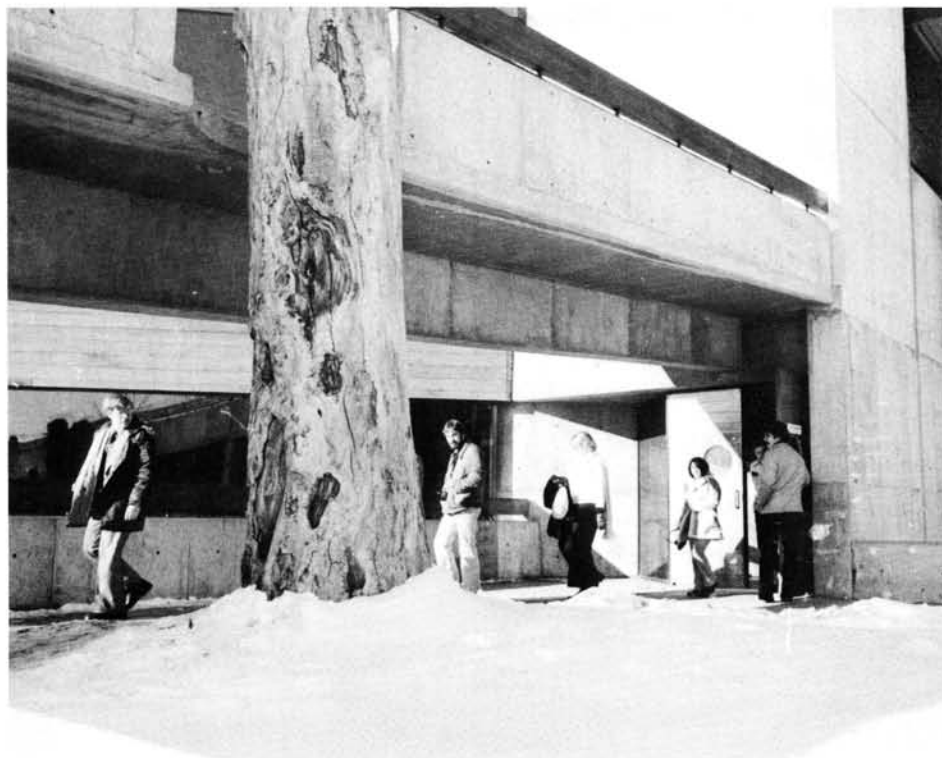


*"All in favor of cleaning up this mess raise your hand" says Charlie.*



*The National Archives according to one certain Houston Delegate.*

*Charles Mosher, immediate past W.G.S. addresses the Convention Delegates.*



*Delegates learn the limitations of architecture on the North Pole.*

## Brother Rhodes

*Continued from page 1*

to be commended for his personal involvement in all fraternity situations. As the working secretary, Lauren accepted responsibility for the organization, and implementation of paper work for the National Fraternity, which is obviously no small task.

Ed's and Lauren's decisions to resign were the result of much soul searching, life cycle changes, and priority commitments. Since they became active in the Grand Council, they have had 2 children, built a new home, and accepted a demanding job position. As these influences effected their lifestyles, likewise their priorities shifted. Heavy involvement with the fraternity, home, and work each require obligations of time and responsibility. Ed and Lauren felt that they could not do justice to all positions at all times. So their priorities were focused at making a living and more important, raising a family and devoting attention to 4½ and 2½ year old boys. Therefore, Ed and Lauren made the difficult, but necessary decision to step down from their positions in the fraternity.

Thank you Ed and Lauren for devoting your time, efforts and concern for Alpha Rho Chi. We wish to extend to you much happiness and success in life and raising your family. We would encourage your support and advise as the fraternity builds on the solid base you maintained during your leadership years.

The Grand Council would also like to thank Charles Mosher and Richard Murray for their service to the National Fraternity as W.G.S. and W.G.E. The Grand Council intends to maintain contact with all past Grand Council members as a resource for information, talent, and enthusiasm.

## PROFESSIONAL FRATERNITY ASSOCIATION CONVENTION

The Professional Fraternity Association of which Alpha Rho Chi is a member will be holding its' 1979 Convention September 27-29, 1979 in Nashville, Tennessee. Attending from this fraternity will be W.G.S. Ronnie Grogan. The Association, which is organized for the communication of ideas and support of member organizations, will discuss topics such as fraternity convention planning, cutting publication costs, postal regulation changes, trends for the 80's, and benefits of membership in organizations for individual fraternities.

### Exhibit *Continued from page 2*

Highlights of our national meeting were: a speech and dinner at the top of the IDS with Bucky Fuller (attended by 200 people); a tour of the Omni theater by designer and alumni Juan Stoleson; a bus tour of Minneapolis and St. Paul, a panel discussion on Alternate Careers in Architecture, sponsored by the Minnesota Society of Architects; several workshops on small group problems . . . sponsored by the Student Activities Council; and a closing ecumenical prayer service by one of our alumni Rev. Lee Campbell. One of the major issues discussed and implemented was a plan to expand our fraternity by opening new chapters on campuses in which we are not affiliated. A new W.G.E. and W.G.S. were elected. A number of the delegates thought this was one of the best conventions they've attended!

*Thank you for Helping Us!*

Mark Soroko

## Solar Home Project

*Continued from page 3*

The entrance of the home, which will face north, has a double door. The rear has a glass sliding door entrance into a solarium, a type of interior greenhouse.

Another set of glass sliding doors are used to enter the house from the solarium.

Heat from the solarium will rise and travel through the house with the help of two low-velocity ducts which gather the heated air and recirculate it.

An unusual feature of the house is a 60-square-foot skylight. Sunlight from the skylight will heat water in colorfully painted 55-gallon drums of water. The temperature from the heated water will warm part of the house and there will be a fireplace with a blower to offer additional heat.

The home will have two automatic air-conditioning systems, one for the living area and one for the sleeping area.

The one in the sleeping area will be off most of the day. It will automatically come on to preselected temperatures in the evening. The unit in the living area also will automatically shut down at night.

**ALL THE WINDOWS AND DOORS FACING** the outside will be double-glazed and there will be folding wooden doors that can be drawn at the proper time.

West figures there will be savings of 50 percent on heating bills and about 30 percent on air-conditioning bills with his design of the 2,400-square-foot home.

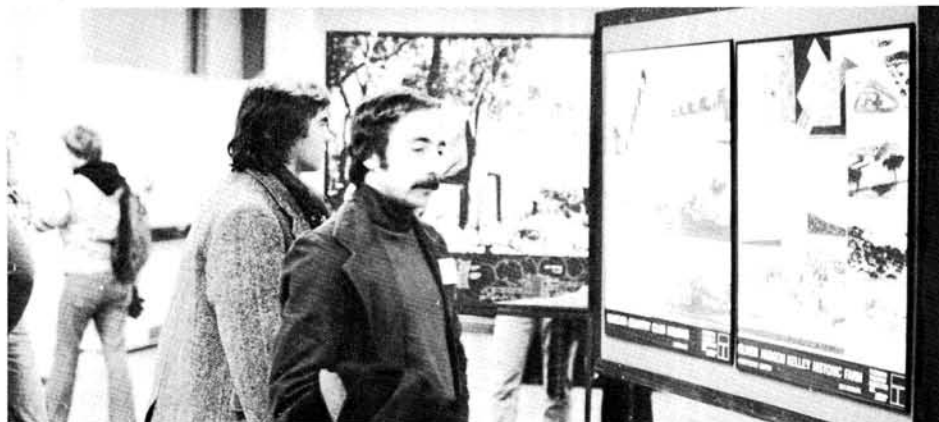
Again, he stressed the cost of operating a solar energy home will depend on the occupants, so his estimates could be high or low depending on the owner.

It will be built to sell in the \$80,000 to \$100,000 range and will cost from 5 to 10 percent more to build than a conventional home, he said.

When asked why more Houston builders have not used passive solar energy construction, West said, "For one thing, the market here has been too good for builders. They have been able to sell all they can build."

Also, it takes some planning in design and better construction materials and supervision, he said.

"Since the additional cost is not that much more, I am sure there will be a lot more of these homes built. You will see a lot more interest in them as the utility bills climb even higher," West said.



*Delegates view projects of local Alpha Rho Chi Alumni.*

# ALPHA RHO CHI FRATERNITY

## ALPHA RHO CHI FRATERNITY

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