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Although almost “brand new”—the material has been used in a number of projects including Crown Center—the 100 acre, $200 million project near the heart of Kansas City’s business district. For instance, the 4,000 car parking garage roof was topped with Redi-Earth mixed with one part of top soil—and the entire installation was smooth and trouble-free according to Crown Center’s Landscape Manager, H. F. “Jim” Danbury (a Del Webb fella). “The nutrient value of the medium was important,” says Jim, “but in its selection for the Kansas City job weight was the real key.” He forecasts a real potential for Redi-Earth in areas where weight is a real factor.

There’s a good bit more to be said for Redi-Earth, but since most projects have their own particular problems, we would suggest that Landscape Architects, Architects, Engineers, et al, might let go with a “whoop and a holler” for some extra expertise from the representative in their area from the Construction Products Division of the W. R. Grace Company. (Incidentally, in Denver, it’s that darlin’ guy—Bill Dingler). P.S. His telephone number is 303-722-5707.
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“I Will Fight No More—Forever”
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OUR SACRED LAND

During the Season of Falling Leaves a Council of the Tribes was called at the Wallimute Village below the Great Falls to hear the next Great White Father speak about the use of land. Many chiefs came from distant reservations, including the Crow from the Little Bighorns, who sits in Council with the White Father and the other teepee builders from beyond the Big Muddy River. Clancriers were present to carry the White Father’s words back to their villages.

He had much to tell us about our sacred land which he and his people stole from us, and who have so fouled its water and air that the few unslaughtered animals and birds have almost vanished. Our land, which we found and shared with all living creatures, and whose soil and water which sustained us for generations he claims as his to hold and possess. The White Father said his people now need more land for smaller villages because like the starlings, they have ravaged and soiled their many settlements — now they must move on to more virgin territory.

The land we shared and worshipped, the white man claims as his individual right to own and use as he desires. He trades and barter it as we did our horses. He forgets that land is not bred, it was here before all of us, and it can die with us, never to be reborn.

Because the white man barters the land, the crossings at rivers and trails become precious, and he demands more trading stock for a natural convenience he never created—and if the village on the river builds a bridge at the crossing, he demands more for the land he claims across the river. Now the Great White Father proposed that they purchase and own these special sites, and then charge rent from those who benefit most for what was collectively created. There was a redcoat named Henry George who wrote books about such a system; and in my time I often listened to an old medicine man called Willcox advocate the same process of land use.
A Sioux Chief named Tatanka Yotanka pointed out that the buffalo which had been our food, our shelter and our clothing had been wantonly slaughtered and decimated by the white man. He then claimed our prime hunting lands and moved us onto marginal wastelands which he called reservations. After he had forcibly moved us all, he insisted that we adopt his way of living. Now the Great White Father wants to alter the system which has made us helpless reservation Indians. Far across the great waters where the sun sets, the white man is still using on our yellow brothers the same tactic which vanquished all of us. This time he has encountered tribes which won't be conquered, and after many years of warring he discovers he has lost many warriors, and his horses have disappeared because he has traded them all for guns. He no longer has trading stock, and he won't admit to his people that he has lost a costly war which has left them only with the land they stole from us.

Again the young braves, as many times before at councils, said they did not understand the words of we old chiefs, and demanded that we fight on. An aged Nez Perce answered them by reminiscing about prior white man adventures on our land, his broken promises, and the treatment of his people, and in conclusion said:

"The white men who invaded our country have for generations fought and killed for land, and their greed for it is insatiable—their thirst and appetite for it will never be satisfied—or are they satisfied in having the land, they must also desecrate it. They multiply like the Prairie Dog, spreading their ruination across the earth's surface. There have been many great white fathers, all who have desired peace and prosperity for their people, but as powerful as they may have been, the greed of wars continue on. Hear me, my chiefs, I am tired, my heart is sick and sad. From where the sun now stands, I will fight no more forever."

H. Robert Wilmans, F.A.I.A.

ADDENDUM

Quite inadvertently, we neglected to credit the firm of Sharp/Pinegar and Associates/Architects, Inc. of Salt Lake City for the design of the picnic shelters in Old Cottonwood Park in Salt Lake County. Credits for the Sharp/Pinegar firm and for the General Contractor G. A. Linnebach Construction Company were on an additional sheet of paper in the large mailing wrapper... discovered, alas, when we received Mr. Pinegar's letter calling the oversight to our attention.

Gentlemen—please accept our most humble, and we promise to conduct an exhaustive search for all enclosures from this time forward. Just chalk it up in the "Errors and Omissions" column.
Construction Management
Are YOU Confused?

by: Robert J. Schmidt, F.C.S.I.

Have you learned where each of those jumbled terms above belongs in the evolving field in our construction industry called Construction Management? If you have, more power to you and good luck! If you have not, the Region 10 Conference will afford you an opportunity to obtain some clarification and order to this maze of terminologies. You will not become an expert on the subject in such a short time but you will be informed of some of its elements by a few speakers who are experts in their particular field.

There are an unnumbered quantity of definitions to the term "Construction Management." It then has a different meaning for different people but it essentially is the delivery by a sophisticated, organized building team of a quality project in minimum time and within budget. The president of HRH Construction Corp., New York City, Mr. Saul Horowitz, Jr. was recently quoted as saying, "It is not as innovative as its adherents make you think. It's not as heinous as its detractors make you think. And it's not a panacea."

The development of the term "Value Engineering" came about mainly as a result of emphasis placed on cost reduction and the systems concept by the Department of Defense. This newly acquired concept spread in the mid-sixties to the construction industry. It has been adopted by various Federal agencies. The philosophy has become a most useful tool in the furthering of Construction Management.

Metrication is really not an integral part of the development of Construction Management but is a subject that continues to arise on an ever-increasing cycle and will one day soon become a requirement to be observed by all in the United States. It is farther down the road in time of application than Construction Management but is even more inevitable in its use by all of us than CM.

These three areas then will be those to be covered during this conference that are not strictly CSI-related. To bring them to you the following three gentlemen will appear on the program.

Mr. Anthony E. Mansueto is a founder and principal of McKee-Berger-Mansueto, Inc. (MBM). MBM has six offices in the U.S. and Mr. Mansueto is located in the Chicago office. He was educated in engineering at Columbia and New York Universities and has worked in various fields of engineering design since 1947.

Although his prime responsibility is liaison with a wide range of MBM's clients, including government agencies, boards of education, colleges, universities and hospitals as well as private developers. Mr. Mansueto is also Treasurer and is involved in the day-to-day management of the Company.

His professional capabilities include cost analysis, management consulting, engineering, and construction consulting. He is in demand as a speaker and has addressed many professional groups of architects and engineers. He has lectured at many colleges and universities and has been sole arbitrator in construction contract disputes. He participates in many seminars and conferences in order to keep abreast of the latest developments in the construction industry.

Mr. Mansueto's professional memberships include the Construction Specifications Institute, the American Association of Cost Engineers, the Society of American Military Engineers, the Engineers' Club of New York City and the Urban Land Institute.

Mr. Mansueto is also a member of a special evaluating committee to the Detroit Board of Education on their Construction Systems Program, and an advisor to the Governor's Commission on Architecture for the State of Michigan.

Mr. A. J. Dell'Isola, P.E., Washington Office Manager for McKee-Berger-Mansueto, Inc., is a graduate of the Massachusetts Institute of Technology. He has been offering consulting services in value analysis/engineering of the construction industry since 1966 and has conducted over seventy-five VE services contracts for various private and municipal organizations and agencies. His prior experience includes fifteen years supervising heavy construction both in the U.S. and abroad. In 1962 he was assigned as a Special Assistant for VE for the Navy Facilities Engineering Command and, subsequently, for the Office of the Chief of Engineers in Washington, D.C. During that time he pioneered a VE program resulting in over $10,000,000 in audited annual savings.
A. J. Dell 'Isola

He has presented VE briefings to both the U.S. Senate and House of Representatives. In 1969 he was appointed as a value analysis/engineer consultant to the President's Advisory Council on Management Improvement.

Mr. Dell 'Isola has conducted numerous briefings for various agencies, universities and technical societies and has written several articles in the U.S.A. and abroad. Recently, he conducted a VA/E Workshop in Tokyo. Presently, he is a guest lecturer on VA/E in construction for Advanced Management Research, New York, conducting both national and international lectures on VE in construction.

The Engineering News-Record cited him in 1964 for outstanding achievement in Value Engineering, and in 1968 he received the Distinguished Service Award from the Society of American Value Engineers.

Richard H. Clough is a Professor of Civil Engineering at the University of New Mexico. He is one of a small number of persons to be found in Albuquerque—he was born in the Land of Enchantment. For his undergraduate work he attended the University of New Mexico but obtained his master's degree from the University of Colorado. For his doctorate he ventured East to the Massachusetts Institute of Technology. During World War II he served as a Torpedo and Gunnery officer in the U.S. Navy Submarine Forces, Pacific.

For a period of five years shortly thereafter, he was a partner of the firm of Lembke, Clough and King, General Contractors doing general contracting mostly in Albuquerque, Colorado Springs and Las Vegas, Nevada. In 1957 he joined the faculty of the Civil Engineering Department at the University of New Mexico. After only three years, Professor Clough became the Dean of the College of Engineering serving in that position for a total of eight years. In 1968 he returned to a full-teaching environment as Professor of Civil Engineering.

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Let us refer back now to the article on the conference, Compendium, in last month's Symposia. How close did you come in speculating on the two-man team slated to give the four-hour seminar on the conference theme?

There was one essential fact omitted from that outline form of last month. On Thursday, February 8, there will be a Presidents Meeting from 5:00 to 6:00 p.m. This will be a meeting with the Region Director of the President and Vice President (s) of each chapter in Region 10. There will be no substitutions. Those attending must be holding either of those offices.

So that you will know what is still to come, next month's Symposia will carry the balance of the speakers and VIP's plus the ladies' program. The following month will be the OFFICIAL ISSUE which will contain the complete Conference Program with times and locations.

See you in the Land of Enchantment next February!
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"Gentlemen, permit me to call this conference 'an exercise in civilization', because this is what this conference has been in my mind. What struck me as one of the keys — probably the key statement of this exercise is Professor Peter's closing sentence: 'Compassion and concern for people'.

To take this statement a bit further, I want to state that it is impossible to do something 'good' about something, unless we 'love' that something. We must love what we do.

... A student, an architect, an educator will not love people unless they love architecture first. The reason is simple, 'architecture' is the thing people ask for us and we have the responsibility to give it to them in its best form ... a gift of love from us, the architect, to society."

Anthony C. Antoniades, AIA/Assoc. AIP
Lecturer in Architecture, University of New Mexico

California at Berkeley; Buford L. Pickens, FAIA, Professor of Architecture, George Washington University in St. Louis — historian and former Dean at Tulane and Washington U.; Ambrose M. Richardson, FAIA, Chairman of the Department of Architecture at Notre Dame University, South Bend, Indiana, and immediate Past President of the National Architectural Accrediting Board and Forrest Wilson, AIA, Director of the School of Architecture at Ohio University at Athens, writer, sculptor and former editor of Progressive Architecture.

**PANEL I: COLLEGE CURRICULUM**

**Moderator: Richard C. Peters**

"Education," quoted Dick Peters, "is really very necessary. If you can't sign your name — you have to pay cash." In a far more serious vein, he then quoted a great many other sources including the report of the Task Force on National Policy. He sketched briefly the history of architectural education from the establishment of the first courses at the Massachusetts Institute of Technology in 1865 to the present when 77 nationally accredited schools now offer a wide range of options and degrees including the Ph.D. in Architecture. The wide dissimilarities offered in programs and curricula are the result of local sources, faculty abilities and varying administrative attitudes.

The schools, he feels, need to explain themselves not just to students, but to the practicing professional, other professions and the community. Education has undergone tremendous changes, not the least of which is the fantastic cost. He commented — somewhat nostalgically, on the paucity of really big names in modern architectural education, but spoke highly of the C.D.C where today's students are actually involved in the real world.

Buford Pickens followed Professor Peter's initial overview of modern architectural education with the wry observation that a good bit of "tinkering" had been going on since the old Beaux Arts system was scrapped over a quarter century ago. It has been, however, a remodeling job — not a redesign, claimed Pickens. He did, in fact, agree that the processes had undergone fantastic changes and that while living in an age of non-heroes, students were still searching for an image. Pickens then reviewed the 13 recommendations made by a group of architectural educators meeting in 1948 — many of the suggestions were almost "heresy" at that time, others have still not been implemented. "Now, that," he concluded, "is where we were 23 years ago — and the tinkering has been going on ever since."

Being rather heretical himself, Forrest Wilson opened his remarks by asking if a University was really the place to train architects. His opinion is that the University works best when perpetuating itself. Speaking to the educational concept, he...
quoted his eight-year-old son who wrote in response to the teacher's question: "Why Are You in School?" — "I am here because if I was not here, I couldn't get a job when I grow up." A sorry comment on the uses of education, opined Forrest. In other words, he went on, "the longer we shut them away from the real world . . . the better job they get.

We need, he said, other ways to educate kids (noting a few rising hackers among his student auditors), he said since he was over 50, he could call them "kids" — "Fight me later," he advised. Forrest feels education should be a continuing process . . . like brushing one's teeth, or push-ups . . . an every day by day affair. The University to his mind is a conditioning agent, not an educational one. The Architectural School's prime purpose is to train architects — not secondrate structural engineers or sociologists . . . therefore the design studio with teacher and kid meeting head to head over a drafting table still has great validity.

Daniel Boone quickly disavowed any claims as an architectural educator . . . "there are some people who claim I'm not even educated . . . and sometimes I can agree with them". He went on to explain that when the new NCARB exam was exposed to other sub-systems within the profession, he was dismayed by the profession's attitude toward the schools. Personally, he has been very satisfied with the "product" of modern architectural education, and feels NCARB confidence in the schools has not been mis-placed.

If Architect Boone has any misgivings at all about modern education it is the lack of discipline . . . "we all want discipline and in fact, it is essential to accomplishment — essential to learning." He suggests there might be the development of a "core curriculum" of knowledge essential and common to all architects, and to this end NCARB has appointed a Task Force now at work on the problem.

Fifth of the panelists involved was Ambrose Richardson who agreed with Buford on the topic of "tinkering" and Forrest on the subject of the University. He stressed the importance of the "material" — "if you are going to build a chair, and all you have is balsa wood," he explained, "you know you have a problem!" Admissions are very important . . . and teachers must constantly re-assess what they are doing. Quoting Bill Caudill, he said education has four essentials . . . if you have good students, you don't need a good anything else. If you have good students and good faculty, you don't need a good program. If you have good students, faculty and program then you don't need good facilities. All four, of course, are optimum. He spoke, too, for the "core curriculum" — "Let's have a basic core and then go on to the options."

Charles Colbert proved something of a surprise lacking prior acquaintance. Soft-spoken, urbane — obviously to "the manor born", he could be frighteningly frank with a rough edge to the tongue. He began by saying he hoped to "plant some seeds" which might or might not grow during ensuing discussions. When he looks at an architectural school . . . he looks not at the curriculum but the faculty — and the faculty's work . . . and refers to architectural education as a "blind maze". Singling out two students he likened one to John the Baptist, the other to Machiavelli . . . he advised them to train to be mean, intolerant, inappropriate and recommended tenacity as the characteristic to cultivate most. "I believe," he said, "autocratic young bastards are the hope of this profession and perhaps the hope of the world!" He further commented that living in a political monolith we are unable to change anything at all. The core of architectural education is ideas . . . and that the definition of an idea is all any of us can hope to get out of education. He concluded by listing the three things he detests most in the world around him . . . 1) The Architectural Team — 2) The Metal Building and 3) The Chain Link Fence.

Following Dean Peter's scholarly summary questions were asked and statements were heard from the floor. Discipline, as used by Panelist Boone was variously interpreted and a further exercise in semantics and in definition was supplied by the term "core program". Students spoke out for representation on the panel — "If you were going to cut somebody out — the student should have been the last person to omit!" To which Mr. John Reed, Program Chairman, explained patiently the lack of time if student representatives from all five accredited schools were to sit on the panel. Mr. Colbert inveighed against computer teaching as "trashy and trivial thinking" and air-conditioning as the "greatest deterrent to design in my lifetime". Most panelists felt the "energy crisis" will force a change in architecture and all agreed that present societal challenges must be answered through political process. U.N.M. Student president, Mark Giacardo objected to graduates being termed "products" referring to their basic humanity and to that of Socrates and Jesus . . . nowhereon Mr. Wilson irreverently commented — "Look what happened to them."

There was obvious unrest as the first session adjourned for a buffet lunch served in the meeting room.

**Panel II: Examination and Licensing**

*Moderator: Daniel Boone*

Before Mr. Boone could begin his presentation the student smolderings of the morning became a small conflagration, and after some warm words, it was agreed to seat two students on the panel and Hendrick Evans of Arizona State University and Mark Giacardo of UNM were raised to the now rather crowded podium.

Mr. Boone outlined briefly the background of the National Council of Architectural Registration Boards and the goals realized in the 1960's — a uniform National Examination and reciprocity between the states. With initial aims accomplished, NCARB embarked upon formulating the new examination adopted in June, 1972 . . . an examination in four parts. Parts I and II — Environmental Analysis and Architectural Programming are termed the Equivalency Test and must be taken by those coming into the profession through the "experience route". It is a condensed version of the present examination — a demonstration of the skills taught in architectural schools . . . and establishes their right to take the Professional Examination for architectural graduates. The Professional Exam covers III: Design and Technology and IV: Construction and Administration. It is an objective test and no graphics are involved. The NCARB is relying upon the Schools to provide the proper background knowledge and judgment needed to pass the Professional Examination.

The students were then given time for expression. . . . Mr. Giacardo complained that practitioners don't come to the schools and discuss students' problems, and it's difficult for students to obtain information. Mr. Evans thinks students should be represented on accreditation boards, NCARB should enforce schools to
Professor Peters mildly suggested any other highway.... and if you said—"Drive down this highway or grandly, "he doesn't plan the lower valley".

Charles Colbert began by quoting Sir Bannister Fletcher—"Architecture is, in reality, the printing press of the ages. What we are is what we leave." He is not concerned with the legal permit, but with architectural morality.... the need for a architectural "Hippocratic Oath". With a plethora of new titles.... he asked what is wrong with "architect"—it's not a builder. "And what does an architect do? He builds buildings," he said vehemently, "he doesn't plan the lower Amazon valley". He suggested that if exams are good for one.... they are good for all, and perhaps the practicing architect should be re-examined periodically, as we all are for a driver's license. Concluding, Colbert referring again to architecture in an historical sense said—"Drive down this highway or any other highway.... and if you think I want to be judged by what those architects did when they dig it up.... I want to tell you I came from another epoch, and I don't care whether I'm licensed or not!"

The new exam to Buford Pickens simply represents more "tinkering around", and suggested with all the regulatory agencies who must now approve plans and specifications perhaps the NCARB wasn't really needed since the schools are in good shape. Maybe NCARB has fulfilled its function and was even now singing its swan song. Forrest Wilson said simply that no kid was likely to get through the Ohio U. school without taking structures, and they simply do what they have to do as a matter of course.

Mr. Boone's rebuttal began by accusing Colbert and Peters of living in another world.... that licensing was a way of life. If anyone wants to be a practicing architect one must graduate, serve a proper internship and become licensed. Information is available at the schools, he said, and the NCARB will also publish a Test Guide. The Board has no interest or responsibility in structuring curriculum, actually the new exam removes the straitjacket—establishes a low threshold for minimum competence. The dialogue which followed was punctuated by the misgivings of practitioners.... "what is this going to do to our liability insurance?" and "It is not the profession which requires licensing—it is the State," and "The profession has not asked the NCARB to take away the right of the professional to screen out incompetents." Educators generally seemed to approve the new approach feeling it reflected the times in which we live and the new multi-faceted role of the architect in modern society. It was obvious a communications gap between the schools and the professional architect exists on the definition of an architect and his function in society. There were some warm words exchanged as Mr. Colbert continued to probe the area of architects obtaining commissions through illicit means.... a painful exercise rather like the tongue applying inevitable pressure on an aching tooth. Student Giacardo thanked everyone concerned for the nice gesture of allowing them (the students) to sit on the panel.

PANEL III: CONTINUING EDUCATION
(Or: The Panel Plays Musical Chairs)
Moderator: Charles Colbert

With three students now sitting on the Panel, Mr. Colbert began by apologizing for what he termed his "one upmanship" of the day before. He did however deplore the student's demands and the "overstressing and misinterpretation of our responsibility to younger people." He said he was at the Conference through a series of agreements, and he did not wish to see the arrangement under "which I came here abridged." In short, stated Mr. Colbert, "This panel must be cleared of the student interlopers and door crashers or I must leave."

John Reed in an agony of embarrassment requested students to be seated in the audience—the three students complied. In treating the topic at hand, Mr. Colbert reviewed the many continuing education opportunities currently offered by the Institute commenting only that they were largely skill-oriented rather than thought oriented. He would hope to see some continuing education providing a direction in a search for ideas. He concluded by suggesting some topics for discussion.... half in fun and half in earnest. Some of these were "Maximizing the Effectiveness of Political Contributions"; "Titillating Potential Builders"; "The Appropriate Gesture"; "Getting to The Fedas (Big Party Giving)"; "In Lieu of Cash/a Promotional Methodology"; "Success Without Uneasiness" or "Computer: High Priest, Methodology and Phantasy". His final
statement — “learning should become a participation sport . . . not a spectator sport as it often is today.”

Ambrose Richardson spoke of Chapter activity in the field of continuing education and feels education at all levels should be the Number One Objective for the AIA. Using an old saying to express his desires: “Cradle to the Grave” education would certainly include some exposure in the elementary schools on both architecture and the environment. His goal would be to reach that wonderful age group of eight to 12 with something perhaps even a kid’s organization . . . “The Junior Builders of America”. It may be corny, Mr. Richardson admitted, but “we’ve got to start way back.”

(At this time, Professor Robert Bliss, Head of the School of Architecture at the University of Utah, made a brief report of his reactions to the Conference. Having to leave early for the express purpose of discussing the liberalization of curriculum at his own architectural school, Professor Bliss said . . . “The NCARB program is the most liberalizing action taken in 50 years.”)

When the Panel resumed Daniel Boone underlined several on-going programs in continuing education at the University level, and spoke to the efforts being made at the Chapter level for elementary schools . . . particularly the program in Philadelphia which was packaged and offered by the AIA, with rather disappointing results.

Forrest Wilson again took a shot at the University system saying it was based upon a false premise . . . “they learn only if we tell them they’ve learned” . . . which takes away the reward for self-taught, self learning which is the essence of continuing education. Our whole lives, he remarked, are a continuing education. He then re-activated the game of musical chairs (without music) by commenting that he felt his own integrity had been compromised, and with the statement that he would “put my backside where my heart is” — he left the platform and seated himself in the audience.

Certainly nobody ever put in a more trying morning than Program Chairman Reed who unlike Daniel couldn’t seem to keep all his lions on their chairs or off of them.

Soft spoken Dick Peters then took the microphone to serve as peace-maker. He called this morning session “a unique learning experience”. Although the AIA effort to improve the format of bettering the practice for the professional architect is important, Professor Peters feels the profession badly needs a scholarly journal and some means of sharing their great community of ideas. He urged everyone to look for the “good in something”. No stranger to confrontation (yes, he is from Berkeley) his hope was that “we have all learned something”. He wanted all concerned to talk “as students” and suggested to Forrest that he could best serve this purpose by returning to his place on the platform.

At this time, Mr. Wilson returned to his place on the panel amid much applause.

As John Reed was trying to express his gratitude . . . Dean Pickens stood up and stated forcefully — “Sit down, John, I’ve had enough of this bleeding heart stuff. I’m going to get back on the track. What’s all this emoting? running up and down? sitting up here, sitting down there — what difference does it make?” He pointed out to students and AIA members alike that in St. Louis there was an “iron curtain” . . . students wouldn’t even be in the room — wouldn’t be caught “listening to a bunch of old gray beards imported by the local AIA Chapter”. The result, he said, is continuous sniping and “very-counter-productive”. Pickens expressed the belief that the controversy was the best happening ever . . . he advised “get us out of town, pick up the pieces and put it back together.”

Education being a discovery, recent grads (those waiting for their practice to begin) might well return to the school where they could be involved with students. He urged regional and local continuing education rather than “canned material” from outside. Today with folk singing, folk dress and “folk wagons”, the emphasis is on regionalism and he thinks the mountain region has a tremendous potential. Leadership will not come from the East, or from the West coast . . . but should be in the WMR — the logical place to lead the country. A challenge indeed!

Mr. Colbert said the young student is vital to the de-accelerating profession of architecture and that their role in the political arena — as an organized force — could be very important.

During the discussion, the question of continuing education for the architect isolated from the mainstream, in small communities in the West was posed by Jay Hill of Silver City. Both Buford and Forrest said we were blessed by being poor . . . that the “bleeding heart stuff” Peters thought just getting together with others in the community might serve to generate new ideas and greater understanding.

Student Giacardo spoke feelingly about the “parent/child” relationship which seemed evident — and that such a relationship should not carry over into the office. Students should be thought of as human beings . . . treated as equals. He hopes for practical steps to establish a one-to-one relationship between student and practitioner and implementation of “the nice words”.

There was, at the close of this session — albeit a stormy one — a feeling of compromise, sweet reason and hope for a better relationship between all factions . . . practitioner, student and faculty.

**Panel IV: Synopsis**

**Moderator: Ambrose Richardson**

Assessing the Conference, Mr. Richardson called it “one of the best I have ever experienced” — he spoke of the privilege of association with brilliant minds, of the total involvement evidenced. Summing up the constructive ideas expressed . . . he agreed with Mr. Colbert there was nothing wrong with the word “architect”; and that some basic structure should prevail in architectural education. He complimented Mr. Boone on his clear definition of the new Licensing procedure, and of the responsibility of both faculty and profession to maintain the highest standards.
A prime need is for further opportunity for the architect to contribute more to the community . . . "brain power is going to waste" . . . he hopes architects will write more and make an effort to express their constructive ideas to others.

Mr. Boone harked back to the nice "simple little world" in which he began the practice of architecture in contrast to the "messy, confused, complex world of today". Since architecture mirrors society, architects must cope with the change we cannot stop through increasing their range of skills and the quality of their performance. He believes architects can solve societal problems and are in a better position to do this . . . but "we must educate, re-educate, ourselves and our successors if we are to keep our place in the sun."

Forrest Wilson termed the Conference "a stimulating couple of days". He reaffirmed Mark Glacar-do's statement that students need greater understanding and for a need for all people to meet on equal terms. Schools, he reflected, need to develop an "in-between" architect . . . not somebody who wants to redesign the world or is satisfied to be merely a "board-jockey"! The young are a tremendous source of energy, and he feels for this in-put they are vitally important.

"All education," summarized Charles Colbert, "is the lonely search for your own reality". Perhaps, he suggested we should "think small" — not how many bricks we make — but how good the bricks are. Perhaps a revival of intolerance is in order. Intolerance of ignorance, of intolerance itself, of plunder and just plain bad work! He asked Ambrose about the Notre Dame professor with the new vocabulary which includes such terms as "terratecture" and "tech-atecture", etc. Colbert hinted that "crapatecture" was the big problem! He concluded with the three I's — three new things to hate — Problems of erroneous and irresponsible Inheritance, the acceptance of personal Inferiority and the cult of Insurance.

Buford Pickens began with a little more of his "kidding on the square" — he suggested a two-party system be instituted in the AIA . . . there is a need for channelled criticism! His main emphasis however was upon the importance of architects learning to write. He pointed out that Vitruvius, Louis Sullivan, Frank Lloyd Wright, Corbusier were all writers . . . and deplored the "lost art". He urged students to acquire this skill ("and composition is like designing a building") while undergraduates. It is much more difficult later on.

Dick Peters began by expressing his appreciation for having been involved in a "richly rewarding experience". His question was that since architecture is for people, how can we bring people into a fuller participation. He sees emerging a new and beautiful humaneness . . . an answer to the societal problems which are often architectural problems. Why is it, he asked, we always refer to "they" when we don't wish to take the responsibility . . . the "they" should be "we".

Concluding, he said . . . "We must be learning forever — and must develop the capacity to solve the ills of society with compassion and concern for people".

Before Mr. Richardson summarized the summary, John Reed introduced the heads and deans of the architectural schools in the WMR

Dean James Elmore, FAIA, Arizona State University — He applauded the Panel for five, diametrically opposed views, and said he would go away with an open mind and new resolve. He thought a core curriculum most difficult to define . . . and admitted they do a good bit of "tinkering" at ASU to meet the changes required by their constituencies. "The pendulum swings widely and rapidly — from emphasis upon answering societal problems we are now back to basic skills." He outlined their program for continuing education instituted last Spring which brought experts from a variety of fields to address ASU fifth-year students and practitioners. Devoted principally to the idea of the professional's "staying alive", Dean Elmore was stimulated by Colbert's suggestion that such a forum might be used for the exploration of ideas.

Dean Robert McConnell, AIA, Arizona University — Continuing education is becoming a "fait accompli" with the Southern Arizona Chapter meetings for the coming year, Bob McConnell said. At A.U., students serve on many committees and their input is invaluable particularly in the fields of standards and admissions. Speaking to the semantic problems encountered with "core", he felt a new definition of basic knowledge might be in order. References to "the real world" trouble him . . . educators, he thinks, live in "the real world of the future" and young people have a new set of values . . . perceiving the size of the opportunities offered the profession. There is, he said no "typical student" anymore than there is a "typical architect" or "typical administrator". He urged that older people expose themselves to the ideas and ideals of young professionals.

Dean Dwayne Nuzum, AIA, College of Environmental Design/Colorado University — admitted being new to this sort of thing since the College in
its present form is new. Like Berkeley, C. U. is atypical, unlike Berkeley the emphasis for CU's 650 students is regional in approach. He hopes they can move at their own pace, with their own program within this regional context, and that it will not be necessary to succumb to the core curriculum. He looks to continuing education as a vehicle to provide closer communications between practitioners, students and educators.

Don Schlagel, AIA, Head of the Department of Architecture/University of New Mexico — Expressed the belief that all conference participants were talking about the same thing. He said he was proud to be an educator preparing architects for the 21st Century. In the 1940's — the future was clear, not so today, said Don, the heroes are dead and we are caught up in great social and political change. The goal, he stated, should be pulling together. It is important for educators to become involved with practitioners and with what's going on in the profession and the AIA. Everyone must be equally interested or we cannot compromise our differences. Communications should be open, and Don felt the Conference has made this first step.

Ambrose Richardson concluded the Panel's presentation on an optimistic note saying of the many common meeting grounds, the unquestioned desire for excellence, a common vocabulary and the ability for self evaluation. He felt the Conference might well serve as an example to other parts of the country. He looks forward to improvement in every man-made object by the beginning of the next century.

Much that followed during the discussion period had been treated earlier in the conference. The two notable exceptions were statements made by Anthony Antoniades with which we opened our coverage of the 1972 Conference of the Western Mountain Region, and some observations from University of New Mexico student, Stephan Pappas. Steve has been kind enough to expand his thoughts for Symposia, and we are pleased to include this in "A Student's View" . . . a feature we hope can become a regular part of our magazine.

THE SIX MERIT AWARDS

1972 HONOR AWARDS PROGRAM
WESTERN MOUNTAIN REGION

THE JURY

Guy Robert Johns, Landscape Architect
Partner in the firm of Ekbo, Dean, Austin and Williams, in charge of their Minneapolis office.

James Pratt, Practicing Architect
Pratt, Box and Hendersen, Dallas, Texas — currently involved in projects in "environmental psychology".

David Gebbhart, Director/Santa Barbara Museum
Author of numerous books and articles about architects and architecture.

Twelve projects were selected by the Jury from eighty-two submissions from Western Mountain Region architects. A special mention should be made of the excellent slide presentation prepared by Chan Graham, Albuquerque architect and to George Pearl (Awards Chairman).
BERGEN ELEMENTARY SCHOOL—BERGEN PARK, COLORADO
ARCHITECTS: MUCHOW ASSOCIATES, DENVER
PROJECT DESIGNER: GEORGE HOOVER

Structural articulation between academic modules is accomplished through the brightly, color-coded mechanical-electrical communications network coinciding with the human traffic pattern and the use of a separate color for floor covering in circulation areas. The judges saw in Bergen all the elements of an award winning project including an attractive and efficient graphic presentation technique. The project with its imaginative use of graphics, honesty of execution and plain old good planning for the present as well as the future makes a strong statement in favor of going back to school.

EQUIPMENT BUILDING AND MICROWAVE TOWER
MOUNTAIN BELL — VAIL, COLORADO
ARCHITECTS: RNL, Inc., DENVER

The buildings dinosaur-like appearance, brought about by its unusual integration into the landscape, was greatly appreciated by members of the Jury. They were also unanimous in their feeling that the unenclosed steel structure of the tower during construction was just as striking a sculptural piece. The designers equal concern for the site and its natural environment was also very well received. (Photography: Ken Bolerjack)

MUNICIPAL BUILDING — TEMPE, ARIZONA
ARCHITECTS: MICHAEL AND KEMPER GOODWIN, TEMPE

The visual drama created by the design solution was a desirable goal but a difficult one to achieve in the desert-like locale. The glass walls set at an angle of 45 degrees and orientation of the building at an angle of eight degrees with the northern quadrant provided the excellent solar orientation. The radiating pedestrian bridges further serve to implant the structure into its role as the nucleus of the city. The structure's strong statement was acknowledged by the Jury as a necessity to establish a symbol of identity for such a young, vital and growing city as Tempe. (Photography: Charles R. Conley)

THE DECKER HOUSE—DENVER, COLORADO
ARCHITECT: DAVID DECKER, DENVER

Designed to provide a family or four with interior and exterior privacy, maximum open living space with acoustical volume for musical instruments and wall space for art work. The sky lit gallery is the main organizing force of the house joining the simple bedroom and living room elements as well as serving as the axial entry. "Simple, refined and comfortable," said the Jury. Of special interest is the efficient control and utilization of solar energy in interior spaces.

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EXTRA - EXTRA CURRICULAR BUSINESS, AS USUAL

The short Business Meeting of the Western Mountain Region was held Saturday morning, October 21 with Regional Director, Max Flatow, FAIA, presiding. Joe Boehning (WMR Secretary) reported on the rosy status of the Treasury and after a good bit of discussion it was decided that (a) Tapes of the Conference would be provided all five of the accredited schools of architecture in the Region—with two additional tapes held for distribution on loan to any interested chapters. Master tapes to be provided by Symposia . . . and (b) a Committee of three—chaired by Jim Gresham of Tucson—will research ideas to offer further Continuing Education opportunities or other worthy suggestions using the surplus monies. The report is to be heard and voted upon at Grassroots in Phoenix.

Max made an informal report on activities of the National Board, and assured those present he would suggest to the Institute that less “force feeding” be done at Grassroots. The consensus is that the basic idea of Grassroots is subverted when only minimum time is given to the ideas and opinions of the Chapters and Regions represented.

The dates for the 1973 Western Mountain Region Conference are September 19-22 at the Stanley Hotel in Estes Park, Colorado. Joe Ashworth graciously invited the WMR to hold their 1974 meeting in Utah.

Jerry Percifield, Student (UNM) member of the Resolutions Committee reported that there were no Resolutions, per se, that it was felt there had been sufficient rhetoric and the idea was to forge ahead on the basis of what had transpired during the Conference. Some exceptions were taken to the Un-Resolved Resolutions Report, and Chairman Bob Fielden was instructed to meet with his Committee and present such a document at the Awards Banquet that evening.

THE SIX COMMENDATIONS

ECHO HILLS CLUB—LARKSPUR, COLORADO
ARCHITECTS: JOHNSON, HOPSON AND ASSOCIATES, DENVER

The simple rectangular mass of the club terminates and complements the natural rock spine and acts as a focal point between a recreational and guesthouse complex. The coordinated scheme relates the rock formations to the striated concrete elements of the terrace . . . building on their strength. The project was commended by the Jury for its simplicity of material and its continuity with the natural landscape.

WE RESOLVE

RESOLUTIONS
Chairman: Robert Fielden
Maxwell Saul
Jerry Percifield

The Resolutions Committee would like to take this opportunity to reflect the feelings of all of us attending this 21st Annual Conference of the Western Mountain Region. We particularly want to compliment the Host Chapter for arranging to have all of Albuquerque’s annual precipitation occur during the past few days. This allowed us to expand the convention and saved us from the outdoor diversions of this beautiful New Mexico area. As it was proven the arrangements were superb and the substance of the meetings has surpassed that of any conference in recent history.
FOUNTAIN AND PLAZA
WESTMINSTER COLLEGE/SALT LAKE CITY
ARCHITECT: BOYD A. BLACKNER AND ASSOCIATES
SALT LAKE CITY
WITH: ROBERT ROYSTON, COLLEGE PLANNING CONSULTANT

The fountain was constructed as the focal element within the plaza which is a pivotal point for college traffic moving between old and new campus areas. One of the few non-architectural projects submitted, the fountain and plaza create an enjoyable relationship of water, concrete mass and plane and are successful as a true focal point—"a special place on campus".

(Photograph: Gordon Peery)

PFYSICS BUILDING/UNIVERSITY OF NEW MEXICO
ALBUQUERQUE, NEW MEXICO
ARCHITECTS: PACHECO AND GRAHAM, ALBUQUERQUE
PROJECT DESIGNER: JESSE A. PACHECO, JR.

The location and concept of the underground, low-profile building allows the utilization of an otherwise non-building site with the main roof deck becoming an open mall above. The underground solution allows the small building to act as a foil for the larger dominating structures as well as providing a vibration-free laboratory space. The Jurors agreed that the architect, utilizing a difficult site, created a novel solution with warm and sculptural forms and an enjoyable open space.

(Photograph: Mark Miller)

The Albuquerque Chapter, the Conference Chairman Jim Rowland and his Co-Chairman Jess Holmes together with all of the wives and people who worked so hard in making this meeting a memorable one have our sincere thanks. We are certain that all of you will join us in extending our thanks to these friends for being such gracious hosts.

It would be appropriate at this time to mention the sadness that we have all felt this year in the passing of our past Regional Director, Sid Little. It is hard to think of the A.I.A. adjourning a Western Regional Conference without having Sid here with us. All of our hopes and sincere good wishes go out to Kitty during this time of personal readjustment.

We are always indebted to the members of the media who do so much in making these conferences successful. These people are more than just the press, they are as much a part of our profession and of our family as are each of us. I am sure that all of you will join us in thanking Rosalie Merzbach and Betty and Fletcher Trunk for their continuous help and support.

This Conference has dealt with the "Education of the Architect," and this includes all of us alike, practitioners, educators and students. Our excellent panel of distinguished colleagues has faced the issues and has joined us in preparing for the experiences that are necessary if we are to be a part of the continuing educational process that must accompany architecture and its practice. We urge that the dialogue not cease here at this dinner, but that it form the basis for this continuing educational process.

We owe a very special appreciation to John Reed and to the work that he and his committee have accomplished in preparing this excellent program. Not only should it be an inspiration to us and to this convention, but it should be the seed of inspiration to all of the other Regions and to the Institute in creating a pattern for our future direction. As a Professional Society, it is knowledge that will guide us in our acceptance of the highest standards of professional competence, moral duty and human character.

If there is one thing that each of us should take back from this conference it should be the realization that autocratic bastards aren't all young.

FUN AND GAMES

Naturally—they talked about the weather . . .

Architect A: What's the forecast?
Architect B: It's supposed to clear up.
Architect A: Zero precipitation?
Architect B: Well, I've watched a lot of that zero precipitation lately.
Architect A: That's true . . . I've shoveled some Partly Cloudy in my time, too.
TOYOTA CITY/SALES AND SERVICE FACILITY
ALBUQUERQUE, NEW MEXICO
ARCHITECTS: STEVENS, MALLORY, PEARL AND CAMPBELL
ALBUQUERQUE

The design criteria for this residence located in suburban Denver called for a two story, wood clad solution with a studio situated away from main living areas. Access to the studio is provided by a bridge from the master bedroom and a circular staircase from the outside. Among the distinguishing elements of this design, the Jury noted the careful attention to craftsmanship and detail throughout the house and the definition of the entry space provided by the studio and bridge.

The site several feet below the high speed traffic artery caused the architects to elevate the display room with a ramp providing new car and customer access and outside display area. A customer lounge and art gallery serves as a connecting link bridging service and showroom facilities. The Jury felt the project especially worthy due to the regional approach to the design of a commercial enterprise by the use of color, graphics and landscape materials. It was felt that the gallery for the patron's enjoyment blends an expressive solution to business and client relationships.

(Photography: Jerry Goffe)

THE HOFFMAN HOUSE, GREENWOOD HILLS, COLORADO
ARCHITECT: CHARLES S. SINK, LITTLETON

The design criteria for this residence located in suburban Denver called for a two story, wood clad solution with a studio situated away from main living areas. Access to the studio is provided by a bridge from the master bedroom and a circular staircase from the outside. Among the distinguishing elements of this design, the Jury noted the careful attention to craftsmanship and detail throughout the house and the definition of the entry space provided by the studio and bridge.

Although the Historic Preservation Breakfast on Thursday morning cannot really be categorized as "fun and games"—it was most enjoyable. Twenty-five interested architects were at hand to hear Allen Chambers of the Historic American Buildings Survey, Washington, D.C. present a brief slide show. Some laurels are due Tom and Erin Muths of Jackson for their enthusiasm and interest. As Tom said—"This is the oldest committee of the AIA and the one oftenest swept under the rug." Each year, however—the Breakfast at the WMR draws a larger crowd. A hopeful sign!

A great many architect's wives asked that Symposia send a special laurel to Albuquerque Ladies captained by pretty Linda Holmes . . . the Brunch, the Art Exhibit and the Luncheon at El Pinto were outstanding. "But best of all, they just wouldn't let you be a stranger!"

They say you haven't lived 'til you've seen Professor Buford Pickens do the Mexican Hat Dance. To keep the memory of his El Cantado performance green, the good Professor received a fantastic sombrero at the Awards Banquet.

Quipped Max Saul following the seminar "The Architect as a Land Developer" . . . "There must be some way to get out of architecture and into Land Development."

Chann Graham being introduced at the Banquet was asked . . . "Where's your wife?" . . . "Oh . . . way over there somewhere," he replied waving a vague hand at the lady way across the room. "Yes," countered his Missus—"And it's been this way all week!"

"Ad Hocism and Ad Hocery" was the topic of Buford Pickens' Banquet speech. A delightful mixture of wit, wisdom and the unabridged Websters—his shaggy "termite" story is classic. Said the "Termite" as he walked into the saloon—"Is the bartender here?"

Nuf sed.

CLUSTER HOUSES—JACKSON, WYOMING
ARCHITECT: CORBETT/DEHNERT/ASSOCIATES, JACKSON

Three basic house modules arranged in the interlocking relationships of a variety of cluster plans are located near Jackson. Outside areas are individually owned but are adjacent to open areas of common use. The simplicity and attention to details were recognized by the Jury as further complimenting the combination of good massing of housing units and clear definition of public and private spaces.

(Photography: Roger La Vake)
A STUDENT'S VIEW

Guest Columnist: Stephan Pappas
University of New Mexico

(Sue wrote in his covering letter—"I would like to take this opportunity to thank you for letting me express my views on the W.M.R. Conference. It may not be the 'student view,' but then, not all students are of the same opinion." Which serves to substantiate Bob McConnell's statement that there is no such thing as "a typical student.")

One of the most exciting experiences of the AIA Western Mountain Regional Conference was to be able to sit in the same room with some very brilliant people and discuss what we all love most — Architecture. It was extremely interesting to listen to the differences of opinion, not only between the panel and the audience, but also between the panel members themselves.

Although many times we spun our wheels and got hung up on semantics, our discussions of curriculum, examination and licensing, and continuing education in architecture were highly informative, not only to the students who were in attendance, but also to the practitioners and the educators. The discussions were most stimulating, whether we were talking seriously of curriculum, or humorously of "crapatecture" or "crapology."

In my opinion, the most important idea of the entire conference and one which must not die out with its closing is that we must strive to keep all channels of communication open. Each of us, whether we be students, educators, or practitioners, must be aware of each other. Of course, all of our ideas will not agree, but that is what makes the Architectural profession so great. We must be able to pull all of these differences of opinion and ideas together and use them to obtain our goals. Practitioners must be involved with the students, and the students must involve themselves with the practitioners.

The opportunities which we can have if we work together are astounding. The future of Architecture is not held only in the hands of the student, but must also be supported by the educators and practitioners. And personally, as demonstrated by the large turnout of interested people at the WMR conference, I believe wholeheartedly that the future of Architecture is in damn good hands. I am very proud to be associated with the Architectural profession, and truly hope to prove myself worthy of its challenges.

Twelfth Annual D.D.I. Awards Program

Again this year, nominations are being sought for the Downtown Denver, Inc. Awards program. Submissions must have been completed by December 31, 1972, and should be located in the Downtown Denver area, i.e., Wynkoop—Speer Boulevard—Colfax Avenue—Sherman Street—20th Avenue and Street. Particularly meritorious projects within close approximation to this area, however, have been cited in past years—last year, for instance, the Denver Art Museum was so recognized.

The dollar cost of a project is not necessarily a criteria of excellence—a smaller improvement because of location may be as outstanding as a massive one. Suggested categories are: New structures, exterior and interior alterations, landscaping and urban environment, parking structures and lots, sculpture, fountains, art work, etc. Downtown Denver, Inc. is seeking recognition for improvements which have increased the attraction of the area and added to the enjoyment of people in Downtown Denver.

Nominations for this year's Awards program should be sent to Downtown Denver, Inc., Suite 704 Guaranty Bank Building, Denver 80202 . . . and must be received by 12 December of this year.
The Yakima Valley Chapter, CSI, hosted the Region 12 Conference on October 12, 13 and 14 at White Pass, Washington. White Pass is at the 4500 foot summit of U.S. Highway 12 crossing the Cascade Mountains in Central Washington. It includes a condominium building for accommodations and the skiing day lodge where the Region Conference was held.

The site was a wise choice. There were over 125 attending and they became a captive, attentive audience in the awe inspiring surroundings of the great outdoors. The only slightly disturbing noise in the area was a chainsaw being used on the hillside to ready the ski slopes for the coming winter season.

On Thursday afternoon, the meeting started at 3:00 P.M. with a President's meeting and workshop session of Editors, Technical Committee Chairmen and Education Committee Chairmen. This was followed by a meeting of the Region Screening Committee who were selecting nominees for the next Region 12 Director.

By 6:00 P.M. the crowd had gathered for the host chapter cocktail party. This was well attended and a good mixer. Following this was a no host dinner in the lodge, cafeteria style. There was one choice on the menu, spaghetti, and only a casual complaint being, — "I could have ate the whole thing." The wine on the tables compliments of the Host Chapter seemed to add to the already relaxed and unwound mood of the group.

Friday morning the Conference was officially opened by Yakima Valley Chapter President Ron Cameron. He acknowledged his hardworking conference co-chairmen Bob Dawley and Dick Doudna. Also he announced that any one not satisfied with their room arrangements had better stay right where they were. There were truly NO MORE rooms in the Inn. Figuring the lodging facilities could easily handle 60 or 70 people, what do you do when 125 show up?

First on the morning program was a panel presentation on Specification Education. Moderated by Jess Wilkens, Puget Sound Chapter, the Panel consisted of Richard C. Perrell, Phoenix Chapter, Paul Edlund, Williamette Valley Chapter and Larry Fisher, Spokane Chapter, in speaking order. All of the panel members are part-time educators in Specification Writing. Dick Perrell told how he and the Phoenix CSI Chapter introduced a specification writing course at Arizona State University by way of a bribe. They agreed to donate a sum of money to the school for the privilege of adding a course to the curriculum.

Paul Edlund who teaches at the University of Oregon, enlarged on the dilemma of trying to introduce specification writing and building construction courses into a Design oriented Architectural school. One of the simple complexities in adding a new course or changing an existing course deals with college catalogues. For instance, the 1974 University of Oregon college catalogue is now going to press. This means a minimum of two to three years lead time just to start a new course or change an existing one.

Larry Fisher, teaching at Washington State University, took the attentive audience through his complete course outline. Right down to the nitty gritty. He did this in beautiful form using viewgraphs and excellent dialogue. His course and teachings are undoubtedly the most advanced in the field. He emphasizes communications, all the elements of CON COM and a few more acronyms that fit into the construction industry use of computers.

R. Charles Short, Director of Safety, for the AGC was next on the program. He elaborated on how safety is regulated in contracting and spoke in detail on O.S.H.A. He gave a well organized presentation and answered many questions presented by the audience.

Noon lunch was held in the lodge, again in the casual cafeteria style. Following lunch the sunny weather favored those who elected to ride the chair lift up 1500 feet to Pigtail Peak. The view from the top was territorial and awe inspiring. The steep and rugged slopes that are cleared as a ski run looked impossible to maneuver on skis. There were places that only the highest skilled skiers would attempt to conquer.

Following lunch was a management seminar presented by Gilles J. C. Rivet of Gilles Rivet Associates. His presentation was directed primarily at contractors and their management procedures but could certainly apply in many ways to Architects and material suppliers. Gil's presentation was dynamic, interesting and also very amusing.
He stressed management by goals, organization, job description, attitude, human relations, systematic problem solving and above all good common sense.

The last half of the afternoon program was an audience participation feature led by Don Moen, of the Yakima Valley Chapter. Don is a General Contractor and was assisted by the other contractor members of the Yakima Valley Chapter. They gave all participants a chance to play contractor—be the successful bidder. They handed out a bidding problem which described a project on which to prepare a bid. The problem had bidding sheets, for each participant to prepare his bid. The bid, of course, included two alternate bid items. There was a list of 35 sub-bids in 14 different trades from such reliable firms as Qualified Electric, Non-Union Incorporated, and Slow-Brush Painters.

After a description of the problem by Mr. Moen the participants were given one hour to prepare and submit their bid. To add interest they had a telephone bell that was carried around the room and rang at least 9,650 times during the hour. There were ten additional sub-bids handed out during the hour along with a last minute addendum requiring listing of subcontractors and suppliers.

Most bidders met the one hour deadline. Like any well defined job, there was tight bidding ranging from about $1,300,000 to $2,300,000. The job was awarded by the Italian system. They threw out the highest and lowest bids, averaged the rest and the one closest to the average was awarded the job. All in fun but an interesting exercise with many interesting comments afterwards. The PRIME 10 of Yakima Valley Chapter did an excellent job of presenting many of their common everyday experiences in construction bidding.

The ladies who had spent the afternoon learning how to arrange dried weeds—or was it flowers—were proudly displaying their arrangements. They joined the men for cocktails in the early evening followed by a banquet. Chuck McNurlin, Yakima Valley Chapter, was Master of Ceremonies for the evening. He was well armed with information about all speakers. I'm sure some of the speakers wished that he had left his notes at home.

Laurence Perkins, Region 12 Awards Correspondent, presented the Region 12 Awards. Region Director Walt Bishop presented the Region Director Citations. Awards presented were:

Region 12 TECHNICAL EXCELLENCE AWARD
Presented to:
1. Portland Chapter, Lee Kilbourn, Chairman Technical Committee. For two studies completed and published, one study in preliminary publication, three studies underway that are on time.
2. Willamette Valley Chapter, Paul Edlund, Chairman Technical Committee. For one study completed and published and one study scheduled for preliminary publication this fall.

Region 12 CITATION
Presented to:
Richard M. Doudna, Yakima Valley Chapter.
Spearheaded the formation of the Yakima Valley Chapter and served as its first president. Provided the leadership in the development of the Master Specification sheets covering CSI’s recommended content for Parts 1, 2 and 3 of the Construction Document.
Herman was extremely complimentary about all CSI officers, board members and staff. He marveled at the high caliber of those people working voluntarily in CSI in hopes of contributing something to the Construction Industry.

Institute Executive Director Joseph A. Gascoigne spoke on the coming CSI membership drive. He answered questions on Chapter and Membership contacts with Institute staff. Everyone was invited to attend the open house at Institute Headquarters which will be held during the '73 CSI Convention in Washington, D.C.

Region Business and Chapter Presidents reports were given by Region Director Walt Bishop, Section Director Harland Dean, Region Trustee Fred Yeo and Presidents Jim Laey (Portland), Robert Burns (Puget Sound), Jerry Schroeder (Spokane), John Brockett (Willamette Valley) and Ron Cameron (Yakima Valley). Recommended changes to Region 12 Conference Guidelines as proposed by Puget Sound Chapter were all approved. These changes dealt with emphasizing social activities as a necessary part of the Region Conference and accounting of Region Conference funds.

The final conference action was unanimous approval of a Resolution commending the Yakima Valley Chapter for their outstanding work in hosting the Region Conference. Representatives of the Portland Chapter, who will host the '73 Region Conference, left realizing they have a tough act to follow. It will be difficult to again create the positive friendly attitude that prevailed for the entire two days of the Ninth Annual Region 12 Conference.
symposia/around the region

arizona

On A Sunday Afternoon
Once a month in Phoenix — you can be sure a lot of folks will be enjoying "Architect's Sundays"! Patterned after the highly successful A.A. Program in St. Louis, groups of buildings are opened to the public from 2:00-5:00 p.m. and the architects who designed them are on hand to serve as hosts and guides. The first Sunday showing on November 12th was held on the Arizona State University Campus where several buildings were open — the Arts and Architecture Complex (Architects: Guirey, Snrka, Arnold and Sprinkle); the Hayden Library (Drover, Welch and Lindlan); Memorial Union Building (begun by the late T. S. Montgomery — completed by Craig D. Walling); Murdock Hall (Schwenn and Clark) and the Social Sciences Building (Haver, Nunn and Nelson).

Three churches are scheduled for viewing on Sunday, December 3rd. They are the Church of All Christian Faiths (Architects: Dellisanti and McGrath); the Paradise Valley Methodist Church (Haver, Nunn and Nelson) and the Gloria Dei (Gonzalez Associates). On January 7th, the two Government Office Buildings on West Jefferson designed by John Tang will be open. A fine program of public relations by the Central Arizona Chapter which will do much to instill an appreciation of the practice of architecture in the Valley of the Sun. Kudos!

All Day Meeting
The Arizona Society for Hospital Engineers spent the day at the Phoenix Townehouse on November 10th. The two presentations during the morning were concerned with safety with Kenneth Whitley, Director of Medical Electronics, Samaritan Health Service speaking on "Electrical Safety" and James Sorenson of Lowry and Sorenson Engineering discussing "Fire Sprinkler Systems and Fire Safety."

The first part of the afternoon program was devoted to "Electrical Provisions of OSHA" with Robert Allen of the Phoenix Department of Labor as the speaker. A presentation and panel on "Total Energy Systems" was moderated by James Troth, Regional Manager and with R. Michael Strickland and other representatives from the Solar Division/International Harvester participating.

We Tip Our Hats
Yep, better late than never, we send some Symposia laurels along to the four members of the Phoenix Chapter/CSI who were presented Chapter Awards for their efforts to the overall progress of the group. James F. Lindlan was tagged as the Outstanding Professional Member of the Year; John F. DeChantl as the Outstanding Industry Member. President's Certificates of Appreciation were given Robert W. Myers and Robert Kuchem for their excellent work with the Chapter's Board of Directors. At this same affair, the Chapter Scholarship Award was officially presented . . . this $300 prize is given to a student at the College of Architecture/ASU for excellence in Architectural Specifications Writing. Dick Perrell accepted for the ASU Architectural Foundation.

Progress for Arizona
The Arizona Department of Economic Planning and Development, the National Bureau of Standards and the Phoenix Field Office of the U.S. Department of Commerce are co-sponsoring a one day Workshop on December 12 at Del Webb's Townehouse in Phoenix. The morning session begins at 9:00 with General Chairman, Dr. Lee P. Thompson, Dean of Engineering Science/ASU presiding. Through formal presentations and eight workshops, the sponsoring organizations will seek to establish means to make science and technology useful and beneficial. Their hope is to provide a workshop atmosphere where there will be a maximum flow of information in both directions with corresponding happy results. A minimum charge of $10 which includes the luncheon makes this "Progress for Arizona Through Technology" program a real bargain. Reservations and additional info are available at (602) 261-3285.

colorado

CEC Scholarships
The Consulting Engineers Council of Colorado has announced it will conduct its second annual statewide scholarship competition to aid a qualified engineering student to pursue a career in the private practice of consulting engineering. The scholarship award will be $1,000 on the state level with an opportunity of qualifying for additional national awards amounting up to $3,000.

Applicants must be enrolled in an ECPD-accredited engineering course at a college or university in preparation for a B.S. degree in Civil, Electrical or Mechanical Engineering; should be preparing to enter the junior or senior year in the Fall of 1973, and should be in the top half of his or her class.

Application forms and additional information can be obtained from the Deans of engineering colleges and schools in Colorado or from CEC/Colorado, 995 South Clermont street, Denver.

In charge of the Colorado program is James Stewart, Fort Collins, chairman of the CEC/Colorado Trustees of Scholarships.

Students chosen in the Colorado competition will be entered in a national competition conducted by Consulting Engineers Council of the United States where he or she will compete for a national prize of $3,000 if a sophomore or $1,500 if a junior. Results of the Colorado competition will be announced on February 28 at a banquet scheduled for the Grand Ball Room of the Brown Palace, in Denver.

Construction Management
November 17 was a busy day at the Broadmoor in Colorado Springs. In addition to the Annual Meeting of the Colorado Society/AIA, the Associated General Contractors of Colorado/Building Chapter presented a day long conference on Construction
state Gas Company (CIG) in presenting ideas, methods and new technology to operating personnel responsible for providing heating and cooling requirements to individual business buildings, hospitals, industrial complexes, and large institutions.

Rogers spoke on the “Heat Pipe”, a device he helped develop which uses the principle of passive heat recovery in building heat/air conditioning system design. Representatives from 35 companies and institutions around the region attended the meeting to hear Rogers’ presentation.

CIG initiated the meetings several years ago to provide a forum for the exchange of new concepts in utilizing natural gas and ways of making the clean burning fuel go further. James E. Horner, CIG’s Director of Marketing, said the purpose of the forums is to educate engineers in the most current methods of conserving energy.

(Leaders, (j.g.) Appointed

The Denver Chapter of the Construction Specifications Institute has made those all important Committee Appointments for FYI 1972-’73. As newslet
er SCOPE so aptly puts it . . . committee personnel are really the backbone of any organization . . . and that “nothing brightens the day of a committee chairman more than a call from a volunteer”. So brighten somebody’s day!

A Vice President is in charge of each group of committees . . . for instance, V.P. Bob Johnson oversees the Program Committee co-chaired by Dick Lehman and Tony Murray;
the Communications Committee where he oversees himself as Scope Editor and Assistant Editor Roger Sparks... also a Reporter as yet un-named. (Volunteers?) Tom Flanders is in charge of Publicity and Bill Dingler of the Telephone Committee. This year's Technical Chairman is Mark Schultz ably aided and abetted by Jim Mountain.

Under the watchful eye of V.P. Frank Seiler, we have the Arrangements Committee co-chaired by Pete Mirabella and Roberta Lipe, the Membership Committee with Bill Reetz, the Display Committee by Ray Martinez and the Nominating and Advisory Committee which includes Ralph Bacheldor, Larry Bourn, Art Bush, Ray Martinez and Max Saul.

**idaho**

Walt Jones joins Northern Testing

Walt Jones has been named Chief Engineer for Soil Mechanics and Foundations for Northern Testing Laboratories who have offices in Boise, Idaho, Great Falls and Billings, Montana. An Idaho native, Mr. J. acquired both his bachelor and master degrees in Civil Engineering at the University of Idaho. His unique experience includes eight years in earth-work construction plus another eight as a soil engineer.

Prior to joining Northern Testing Laboratories as a principal, Mr. Jones was employed by a California consulting engineering firm and as a soils engineer with the Idaho Department of Highways. He will be developing improved procedures for field and laboratory investigations and for interpreting this data for NTL.

**montana**

New Fearless Leaders/AIA

New officers for the AIA up in JPB Country were elected at the Fall Business Meeting held October 7 at the Warbonnet Inn in Billings. Getting the nod for 1973 were Harry Schmautz, president; Ray Amundson, vice-president and Wayne Whitney, secretary-treasurer. Members of the Chapter Board selected are Ilmar Reinvald, Jerry Aanes, Marty Anderson and immediate past-president Wayne Gustafson.

Bill Kuhr headed this year's Nominating Committee. Among other actions taken at the Business meeting, the Montana AIA voted to join the Montana Construction Industry Council, heard reports from the six Society representatives and an excellent and penetrating over-view of the Northwest Regional Conference held in Anchorage, Alaska.

**nevada**

Reno Inspires Future Architects

Thanks to Editorial Board member, Ed Parsons, we have another instalment in a heartwarming success story reported for us by Ralph A. Bond, AIA, of the architectural and planning office of Selden/Nespor.

Ralph writes... "The Northern Nevada Chapter of the American Institute of Architects in Reno, Nevada sponsors an Explorers..."
Post of the Boy Scouts. The Post is made up of high school age students who show an interest in architecture ... and who, upon graduation, plan on enrolling in a School of Architecture or some closely related field. (No girls yet, although one group of Girl Scouts interested in Anthropology did apply for membership.)

"Field trips to buildings completed or under construction have been undertaken by the Post. The Grand Tour is usually given by the architect directly involved with the project. Tours of local architectural offices were given in the past and will be given again as each crop of "would-be's" pass through. Projects on the boards or in design stage are explained to the Post along with the basic operation of the individual offices.

"Projects are met with success and enthusiasm. Design of a mountain retreat or simple shelter became one which sparked quite a bit of interest. Wire sculpture and basic design forms were also encountered at one gathering. Meetings are held twice monthly during the academic year with the field trips to buildings usually scheduled on a Sunday afternoon.

"The Post has enjoyed two years of success and has entered its third "season" this Fall of 1972. Some boys are given the opportunity to work after school and summers in local firms which, of course, gives them an additional insight into the "architect biz". Many of the boys have intensified their interest in the profession and plan on higher education. The hope of the local chapter is that the boys will be given a boost and an enthusiasm which will carry with them for at least a time."

Thank you, Ralph — a really concrete way of communicating with young people, and the Reno Chapter is certainly to be congratulated for taking the time and the interest in promoting such a worthwhile endeavor.

Oregon
Architectural Historians Meet ... And a Very Good Word from Our Man in Oregon, Bob Wilmsen. Thank you, Robert!

The Northern Pacific Coast Chapter of the Society of Architectural Historians met on Saturday, October 14th, at the College of Architecture and Urban Planning, University of Washington. Six papers on historical projects and their architects were heard by historians and architects, which varied from Portland's A. E. Doye by his architect grandson, George McMath, to Montana's John C. Paulsen by Idaho Historical Society Director, Arthur Hart. The afternoon was spent in walking tours of Seattle's Historic Pioneer Square and Pike Place Market, led by Executive Secretary Earl Layman of Seattle's Historic Preservation Board.

The Northwest Architectural Historians are a small elite group who always have their chapter meetings at historical fun spots, such as Jacksonville, Oregon. No doubt Central City, Montana, is next on their schedule. Their membership is very much diversified and is comprised of professors, architects, historians, landscape architects, interior designers, librarians, and state historical preservationists. Their concerns are not limited only to historic buildings, but also include nostalgic old restaurants with quaint music and aged bottled goods.

High Schoolers Like Architecture
Executive Secretary Jody Prope of the Portland Chapter reports that in a recent survey taken in high schools in three Oregon counties (Washington, Multnomah and Clackamas) revealed that 871 students selected architecture as their primary vocational interest. Conducted by the Exploring Division of the Boy Scouts, this is a real service not only to schools but... potential Explorer sponsors.

Two such Explorer groups are already in action. This is the third year for Skidmore, Owings and Merrill whose employees work with young men and women (15-20 years) through a planned program designed to give them an objective look at architecture and architects. Washington County architects have embarked on their second year of sponsorship under the leadership of Jerry Eaker, AIA.

The Executive Board of the Portland Chapter is presently looking into the possibility of starting still another Exploring group interested in architecture. This is a program of great merit ... it gives young people a very real opportunity to "look it over" before they are committed to a major course of study at the college level.

Utah
"Systems and Method"
When we received the list of program topics for FY 1972-'73 for the

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Salt Lake City Chapter of C.S.I., Board Member Elden Talbot asked if there were some of them which we felt our Symposia readers would like to hear about. Well, it was pretty hard to pick and choose from the great line-up, but one of those topics was “Systems and Method in Construction” scheduled for the SLC October 24th meeting. And ever-faithful Elden came through as promised—to wit:

Dr. Kurt Brandle, Architect and Associate Professor of Architecture at the University of Utah, spoke to the topic “Systems and Method in Construction”. Dr. Brandle explained that the term “building system” is something composed of several parts which act together, but the term “system building” is more complex and is a way of thinking. One of the challenges in the system building approach is to evaluate the various disciplines involved in a proposed project and determine those disciplines with the greatest scope. The next step is to tackle each of these areas to determine where cost and time savings can be made. The matter of that work which would most feasibly be done at the site versus that work which would most feasibly be accomplished at the factory must also be tackled.

Dr. Brandle indicated that many large firms across the country are moving in the direction of system building and that in his opinion many opportunities exist in our area for movement in this direction. Greater flexibility not only in the building structure but also in supporting systems such as the mechanical and electrical systems can be achieved through this approach.

Dr. Brandle indicated that the computer is a valuable tool in the system building approach and can be used to determine the best combinations of any group of compliments such as the curtainwall configuration which will optimize joints. Dr. Brandle illustrated a table of mandatory interfaces to point out the great amount of coordination required when his approach is used. He indicated that construction time can be greatly reduced because planning and construction occur concurrently and that many decisions will be made after the building is under construction.

Dr. Brandle indicated that one of the goals of system building is to improve the life of the people through change.

Continuing Education at U.U.
Utah architects were given the opportunity to learn about the potential of computers in practice and the availability of local software and computer systems through two afternoon workshops in November. Meeting in the Art and Architecture Building at Utah University the Fall workshops covered Specifications, Cost Estimating, Critical Path Method, Mechanical, Electrical and Structural plus the exciting New Research Programs.

This general exposure through class demonstrations will be followed by Winter Workshops which will provide actual interactive terminal use with computer time given each registrant.

(Thanks to Boyd Blackner for the above newly come to the Symposia family — and not even officially welcomed, he is already at work, Lord love him.)

Washington

P.C.I. Award Winner

We'd like to ship a few laurels out Washington way to the A/E firm of Walker / McGough / Foltz / Lyerla for their Award winner in the 1972 PCI (Pre-stressed Concrete Institute) Awards Program. The citation was for the County/City Public Safety Building in Spokane a new building which combines all the law enforcement services functions of both city and county. The three-story structure made extensive use of architectural pre-stress concrete in exterior walls and interior public lobbies, stairs and corridors. The five man Jury was headed by Max O. Urbahn, FAIA, past president of AIA and pres/dent and chief executive of his own firm in New York City.

The Jury comment on the County/City Public Safety Building read, in part . . . “A very clean, straightforward building that uses precast concrete very well. The scale and relationship of the older building is handled most harmoniously. Especially to be commended are the very lean and well controlled interior areas.”

Wyoming

A seminar on “Glulam — A Modern Structural Design Material,” sponsored by the Department of Civil and Architectural Engineering of the University of Wyoming and the American Institute of Timber Construction, with the cooperation of the Wyoming Chapter of the American Institute of Architects and the Wyoming Section of the American Society of Civil Engineers, was held in Laramie on October 13, 1972. Engineers and architects from throughout the state attended.

The seminar was moderated by AITC Executive Vice President Paul Beat- tie. It included presentations on glued laminated timber fabrication and quality control, and on technical design aids, by Russ Wibbens of AITC; development of allowable design stresses, new design procedures, and case histories of glulam structures by Tom Williamson of AITC; current glulam research and designing for permanence, by Billy Bohannan of the U. S. Forest Products Laboratory, Madison, Wisconsin; design of the Disney World Polynesian Village, by Douglas Stadelmann, Stadelmann Engineering, Menomonee Falls, Wisconsin; design of the Tennis Center, by Virgil Magerfleisch, Magerfleisch and Associates, Architects, Fort Collins, Colorado; design of modern glulam bridges, by Ben Huribut, Huribut, Kersich and McCullogh, Engineers, Billings, Montana; and an educator's view of glulam as a structural material, by Professor Glenn Mullens, University of Wyoming.

Symposia Welcomes...

Walter F. Bishop, C.S.I./A.I.A.

We roll out the red plush this month to welcome our “first man in Washington” — (not George) Walt Bishop who among other good things is Director of Region 12 for the Construction Specifications Institute. He saw the first light of day on a farm near Prophetstown, Illinois, and absorbed his elementary education in a one room schoolhouse. After three years of Prophetstown High School, he spent his last year at Tampico where there were 18 students in his graduating class. He attended college for two years at Knox in Galesburg, moving south to the University of
Texas where he graduated with a B.S. in Architectural Engineering. With job offers in St. Louis, L.A. and Seattle, he chose the Great Northwest and Boeing Airplane Company. After six months in production engineering (there was no future in jet travel) he switched to the Facilities Engineering Department for another six months at Boeing. He then ceased being a job jumper and took permanent employment with the Design and Construction Division of GSA. His present title is Chief of the Specifications Group.

In 1958 Walt was a charter member of the Puget Sound CSI Chapter. He served as Chapter Secretary-Treasurer, Vice President and President. Then seven years as bulletin editor. In 1970, he spoke on AutomatedSpecifications Systems at the Chicago CSI Convention. This is his third year as Region Director of CSI, Region 12.

His wife Dauna was a classmate at Knox College and they were later married while at the University of Texas. Dauna claims she received her MRS degree at University of Texas. They now have four boys ages six to sixteen.

Walt and Dauna have many family and outside interests including rental property, gardening, church, YMCA, antique hunting, wine making and traveling.

Needless to say, we are happy to have Walt as a member of our Symposia family, and naturally, put him right to work! Please see his excellent report on this year’s Region 12 Conference in this December issue.

Dennis W. Roberts, A.G.C.

Articles from this gentleman’s active typewriter have been appearing on Symposia’s pages for quite some time now — so we felt we’d best make it official! Dennis also brings to our pages the views of a most important segment of our Industry — the General Contractor. Since, our premise is to provide a communications media for all members of the team — we are particularly pleased to have another AGC-er on the Board.

Although he was born in Chicago, Dennis grew up in Albuquerque, and is a graduate of the University of New Mexico where he acquired a journalism degree and played varsity tennis. As a matter of fact, he still covers local tennis tournaments for the Albuquerque “Journal”. His present position with the New Mexico Building Branch/AGC is as Market Development and Public Relations Director which means he works on internal publications and maintains close liaison with other media. Dennis also works with architects and engineers on bidding procedures and acts as a management representative on joint labor-management programs. He is a graduate of the J. D. Marshall course for AGC Executives.

Dennis is the immediate past president of the New Mexico Professional Chapter of Sigma Delta Chi, secretary of the New Mexico Chapter of the Public Relations Society of America, a member of the Toastmasters’ International; the Albuquerque Host Lions’ Club and Temple Lodge No. 6, AF & AM.

He writes — “I hope in the future I can offer more articles on cooperative efforts of architects, engineers, contractors and principle owners on such topics as bidding procedures”.

A very welcome addition to our Symposia coverage, Dennis, just as you are equally welcome on our Editorial Advisory Board. Take a chair!
**professional opportunities**

Architect—multi talented or willing to learn—to work with planning and environment oriented architectural firm in rural Western Colorado—1 hour to mountain recreation or desert solitude—send resume P.O. Box 2104, Grand Junction, Colorado 81501

[at... C.M.I.]

Robert J. Helfrich

Robert C. (Sandy) Sandoval, Executive Director for the Colorado Masonry Institute, has recently announced the appointment of a professional and structural engineer to serve the Industry at CMI’s service center, 3003 East Third Avenue in Denver. He is Robert J. Helfrich of Littleton. Mr. H. is a graduate in structural engineering from St. Louis University, a registered Professional Engineer in Colorado and prior to his C.M.I. appointment was a project engineer for the Martin-Marietta Corporation, at Denver.

His duties basically will include assistance in engineering and cost feasibility studies for proposed buildings and to assist construction specifiers in early planning and estimating. His “know-how” and updated research are also available to the engineering and architectural staffs of federal, state, county and city planners and building department staffs—and to military, educational, industrial and community decision makers interested in the advantages of masonry construction. His counsel also covers building code and regulatory fields.

Incidentally C.M.I. will soon distribute a long-needed booklet on comparative costs of wall construction which will provide factual information about modern masonry materials and construction methods for architects, engineers, builders and specifiers. It will include the most updated statistics and instructional material and is well illustrated showing different uses of masonry walls with cutout wall sections. Exhaustive information has been tabulated on how costs were determined which will be of great assistance to architects, engineers and other decision makers in comparative cost studies. “Sandy” believes this CMI Booklet is a “first” in the Industry. Distribution will be made at a series of luncheon meetings for interested professional groups during the next few weeks.
LUCKY 13! That's the date for the Annual Denver WICS-CSI Christmas Party and Dinner Dance. It will be held at the Applewood Inn starting at 6:30 —December 13 —so slip into your best bib and tucker and join the fun!

The Oregon Council of Architects presented a certificate of appreciation to the G.C. firm of Reimers and Jolivette on the occasion of their Golden Anniversary . . 50 consecutive years of distinguished service to the construction industry in the City of Portland and the State of Oregon.

The seminar on Executive Management and Leadership sponsored by the Construction Advancement Program (AGC/C) was held November 2 and 3 at Denver's Regency Inn. Attendance was limited to AGC/C members and G.C. contributors to CAP.

Jim Balzhiser of Eugene was the selection of the Screening Committee for CSI Region 12 Director. Unopposed, Jim will assume office at the CSI National Convention in June, 1973.

Del Doty is the new Program Chairman for the Pikes Peak Chapter/CSI. His first was all about "Latigo" — projected new city of 100,000. Sounds like a winner!

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Dr. Marion D. Ross, head of the Department of Art and History at the University of Oregon's School of Architecture and Allied Arts, delivered a series of Lectures November 2, 9 and 16 at the Portland Art Museum Entitled "Townscape and Landscape: Art in Public View." The Series was sponsored by the Portland Women's Architectural League.

Selected new national director of the American Society of Civil Engineers — Hugh Hempel of Stearns-Roger, Inc. of Denver. A perennial fearless leader, Mr. H. has been Prexy of the Colorado Engineering Council and the Professional Engineers of Colorado.

Heigh-ho! Let's look ahead to the Phoenix Products Fair! Sponsored jointly by CSI and PC — the date this time around is January 5 at Mountain Shadows... with a golf tourney in the afternoon and the Fair in the evening. Always fun and always informative!

The BIG Winter meeting in JPB Country is scheduled for February 2 and 3 at the Colonial Inn in Helena, Montana. This includes both architects and engineers and it is IMPORTANT!

Members of the CSI Chapter in Eugene (Willamette Valley) are already anticipating the January program featuring Dick Christianson with his annual economic forecast.

Members of the American Institute of Landscape Architects are looking forward to their National in Disney World Florida 28-30 January. What a spot now that Winter's here!

John Martin presented a program on Polyurethane Foam at the October 23 meeting of the Tucson Chapter/CSI. They meet at the Redwood Gay 90's at 5:30 p.m./4th Monday. A great group!
The Denver Chapter of Producers Council spent November 14/15 in Casper, Laramie and Cheyenne bringing those nice Wyoming architects... "The Greatest Show on Earth"! Swell guys — but modest they ain't!

Reprinted — Bob Wilmsen's September "Fight No More" in the Los Angeles Newsletter/C.S.I. Our "old Indian" is getting famous!

The Denver-based consulting engineering firm — Technical Service Company — is now affiliated with the Charles T. Main Company of Boston, one of the largest engineering design firms in the nation.

Of course you know that the Senate did pass the Brooks Bill which requires that architects and engineers be selected competitively for Federal work on the basis of competence and qualification. It was a tough fight Ma, but they made it!

Pleasant surprises via Ma Bell — calls from Jerry Schroeder, President of Spokane's CSI and from Lee Kilbourne who edits the CSI Portland Predicator. Great talking to them!

New firm — CSI Chapter Secretary from Phoenix has opened his own electrical consulting firm... Baltes Consulting Engineering Company/Suite 1117, 100 West Clarendon. Bon Voyage, Mr. B.!

The Rocky Mountain Center on Environment has a complete guide to local state and regional conservation organizations available. It covers the 200 groups working on environmental problems in Arizona, Colorado, Idaho, Montana, New Mexico, Utah and Wyoming. Price: $2.00 — order from the Center at 4260 E. Evans Avenue, Denver, 80222.

ABCO Moulding and Millwork of Denver has been named a distributor of hardwood flooring by Wood-Mosaic of Louisville, Kentucky.

**specifiers guide**

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