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Tunnel vision

Congratulations on raising and exploring the question of how architecture is judged ["Judging Architecture: The Dangers of Tunnel Vision," RECORD, January 1992, page 9]. I certainly support your view that none of the yardsticks you cite be elevated into the "dominant methodology."

But my concern is more fundamental: that most of the profession's award programs embrace few of the yardsticks you cite at any level of importance. Until that pattern changes, and work is judged on the broad criteria you've begun to identify, and the media publish and celebrate those results, we will continue to earn the criticism of being disconnected with clients' and society's realities. *Lou Marines, President Advanced Management Institute for Architecture and Engineering Corte Madera, California*

I, too, share your criticism of tunnel vision in architectural discourse. I think you are posing a very timely question: What are the "new ethics" of a profession which is already underpaid, overworked, and disproportionately responsible for shaping the built environment?

I agree that context is very important. But that raises another timely question: the political boundaries within which the architect must work without having control of the "building process." Technology, disabled accessibility, depletion of rain forests, etc.—all of these issues must be contextualized, and given value accordingly. Even so, the theoretical interest is not in what you describe as "tunnel vision." The real issue is how ar-

chitecture, in this new age, must reclaim the territory of public debate and its importance to the plight of our cities. Are we so starved for jobs that we will sell our souls to a developer to do a project that has little cultural contribution? What are the new principles for architects in the future? That is the question.

*Milton S. F. Curry
Assistant Professor
Arizona State University
School of Architecture
Tempe, Arizona*

Hostos Community College

The publication of the Allied Health Facility at Hostos Community College by Voorsanger/Hirsch/Danois Architects ["Street Life," RECORD, February 1992, pages 88-93] makes no reference to the overall master plan prepared by our office. It implies that Voorsanger & Associates linked the facility to the opposite buildings via a bridge spanning the Grand Concourse. It also implies that they alone created the Community College which earned an A+ for its contribution to the South Bronx.

For the record (pun intended): our office, in association with Sanchez & Figueroa Architects, were retained by the City University of New York to prepare a master plan for all improvements at Hostos. Fundamental to the master plan was to encourage extensive community use of the street-level facilities. Voorsanger/Hirsch/Danois received the commission to render services on the Allied Health Center within the context of our master plan. Our office was retained to develop the bridge and mixed-use facilities on the eastern side.

*Robert Siegel
Gwathmey Siegel & Associates
New York City*

April 7-September 30

"Making It Work: Pittsburgh Defines a City," National Building Museum, 401 F Street N. W., Washington, D. C. 202/272-2448.

April 13-May 8

"The Vitra Museum, Basel, Switzerland, by Frank O. Gehry and Associates," Gund Hall Gallery, Harvard University Graduate School of Design, Cambridge, Mass. 617/495-4731.

May 5

"The Reality of Innovation: A Critique of the Building Process," symposium organized by Building Arts Forum/New York, at Cooper Union. Speakers include Wolf Prix, Matthys Levy, Marvin Botwin, Frederick Smith, and Kenneth Frampton. 718/472-8038.

May 6-8

"LightFair International," Jacob Javits Convention Center, New York City. 404/220-2115.

May 14-15

"Universal Design: Access to Daily Living," a conference sponsored by Pratt Institute's Center for Design Research, Cooper-Hewitt Museum, and Department of Rehabilitative Medicine, Columbia University College of Physicians and Surgeons. 212/838-6033.

June 1-12

"Earth Summit," the United Nations Conference on Environment and Development (UNCED); with "Global Forum," concurrent meetings and exhibits. Rio de Janeiro. 212/963-5959

June 19-22

"Exploration '92: Engaging Society in Vital Ways," 124th annual AIA convention. Hynes Convention Center, Boston; 202/626-7395. "Celebrate Architecture" is a program through June of exhibits and lectures sponsored by the Boston Society of Architects. 617/951-1433.

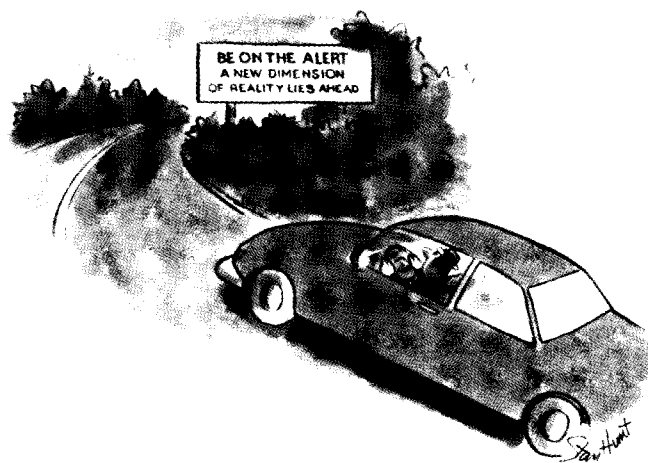
Eschewing Obfuscation: Ideas for Cleaning Up Our Language Act

Not long ago Peter Blake, architect, editor and teacher, told me a first-hand story about the philosopher Bertrand Russell, who is said to have complained that he was never taken seriously in this country because his writings were too easy to understand. I have been convinced for years that the architectural profession is doing everything it can to prove him right by being as obscure as possible. Oblivious in too many cases to their obligation to tell the facts plainly to the client, to the public, and to others who would love to learn more about architecture if they could only understand the jargon, architects invent new jargon every Monday morning, or borrow strange terms from such fields as literary criticism or high-tech computerspeak.

Just last month a press release arrived on my desk from Rice University announcing a memorial symposium in honor of the late architecture dean Paul Kennon. I quote this especially occult passage: "The themes . . . include . . . the role of contextualism versus disruption or critique; the relation between architecture and 'event'; the notion of environmental determinism with regard to social practices; the possibility of oppositional urban space; and the emancipatory potential of architecture." I hate to think what Paul would have made of this gobbledygook. Then came an invitation to the opening of an exhibit by the Austrian architect Gunther Domenig, which describes a house as "a fracturization of rocks into crystalline surfaces, as if the waves of lakes had given them both their openness and smoothness." I don't think I'll go.

The magazines—RECORD no doubt among them—aren't innocent. Last year I headed off at the pass the following gem—a reference to a project's *iconographic roots*, which caused me to ask whether the writer was referring to some new species of radish. The barrier to clarity more often than not consists simply of needlessly long words and long sentences. To measure the clarity of a passage the late Robert Gunning invented the Fog Index. You select a 100-word passage, count the number of words of three syllables or more, the average number of words per sentence, add the two and multiply by 0.4. The resulting Fog Index of your passage corresponds to the number of years of schooling needed to get the meaning. The Fog Index of the *Atlantic* is said to be 12, of *Time* magazine 10.

It isn't a sign of cleverness to be misunderstood. Every architect should be on the alert for signs of obfuscated communication. Any reader who comes across a gem is invited to send it to me at RECORD. I may share the best ones for a little light reading by all. *Stephen A. Kliment*



*Drawing by Stan Hunt; ©1986
The New Yorker Magazine, Inc.*

THEY DON'T MAKE THEATRES LIKE THIS ANYMORE. WHICH IS WHY THE

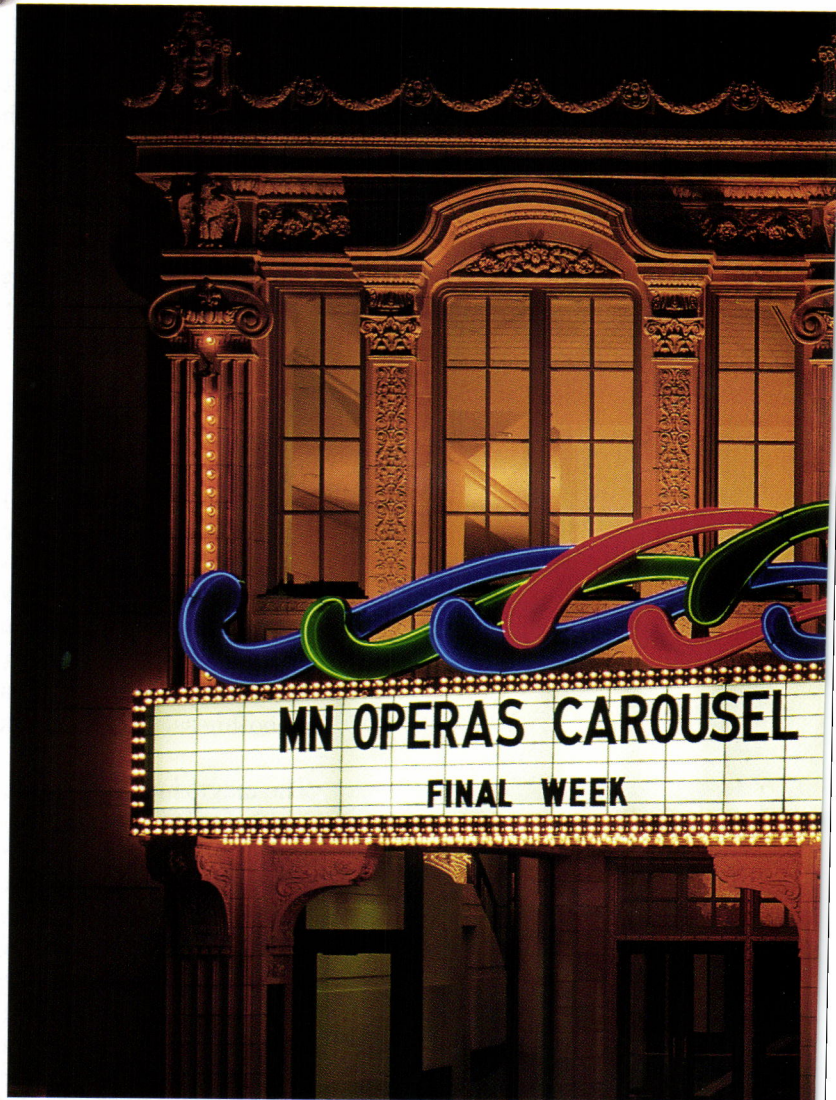
When it opened in 1921, the State Theatre in Minneapolis was hailed as the most luxurious showplace between New York and San Francisco. Sixty years later however, when planning began for a \$130 million office/retail complex for the site, it appeared this grand old theatre would go the way of the silent films it once screened.

But in 1985, a determined group of preservationists succeeded in getting the State placed on the National Register of Historic Places. And one of the first companies to become involved in its restoration was Marvin Windows and Doors.

You see, the windows above the theatre's marquee posed a two-sided problem. Not only would they have to fit perfectly and look exactly like the originals, they'd also have to be durable and maintenance-free. And Marvin was the only manufacturer willing to make these unique windows and stand behind them.

And so, working from measurements of the existing openings, Marvin built the 3' x 10' windows and 6' x 10' double-width units with custom divided lites and the same gently rounded frames as the originals. In addition, each window received a commercial grade exterior finish in a color that matched the look and style of the building.

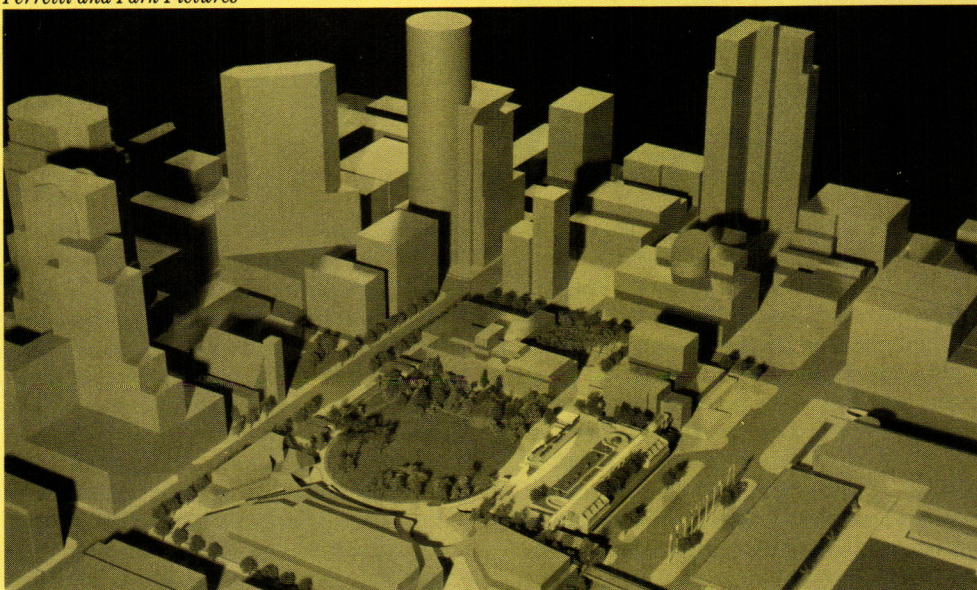
As a result, the State got windows that look like the originals but actually feature the newest ideas in design, craftsmanship and energy efficiency. And Marvin got the opportunity to prove once again that responsiveness



San Francisco

Yerba Buena Gardens: Buildings in Search of a Plan

Perretti and Park Pictures



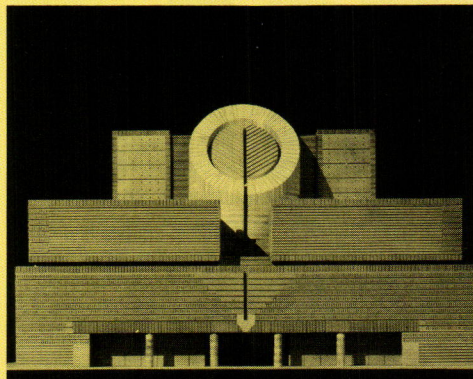
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2



3

What is remarkable about plans for Yerba Buena Gardens, a 25-acre cultural and commercial project under development in downtown San Francisco (1), is that it gives absolutely no impression of having been planned. What was foreseen as an 800-acre "new city" rising out of the slums of the South of Market area has become a loose collection of arts and convention facilities surrounded by a few office buildings and hotels, the result of nearly 20 years of proposals and compromises. When asked to explain the rather understated forms of his new Center for the Arts, a 55,000-sq-ft exhibition and performance facility, architect Fumihiko Maki excused himself by pointing to the design process: "We didn't have the Napoleon III of Paris, nor did we have the Michael Eisner of Los Angeles—we had to work with the city of San Francisco."

Maki, James Stewart Polshek, who designed the Center for the Arts Theater next door, and Romaldo Giurgola, who is drawing up a sweeping lawn behind both buildings (2), all had to work on top of an extension to the giant Moscone Convention Center. That cavernous, but invisible, project is the real engine of this new "center for popular culture," as Polshek called it. Mario Botta has designed a 200,000-sq-ft Museum of Modern Art (3) just across the street as part of this complex, and office towers have been designed by James Ingo Freed (4) and Cesar Pelli. The towers reinforce what Freed calls the "Chinese Wall" of Market Street.

Even at a small scale, the plan remains haphazard. Nonetheless, each of the buildings is well worked out and elegant in composition; Giurgola's park forms a welcome oasis of green amid the density of downtown. The facilities will offer new venues for arts groups and give the cramped museum needed space. Someday, Yerba Buena Gardens might even rate up there with the Transamerica Tower as one of the great tourist attractions of San Francisco. *Aaron Betsky*

Architectural Resources

In the Mood, But in the Way

Museum of the City of New York



Site of the first free concerts by Duke Ellington (photo) and many other famous musicians, the Naumburg Bandshell, given to New York by music supporter Elkan Naumburg in 1923, is now being called "too big, assertive, and in the wrong place."

"We just want to stick to Mr. Olmsted's beautiful plan," says Elizabeth Barlow Rogers. She is head of the privately funded Central Park Conservancy, which intends to demolish the publicly owned bandshell—for a cost nearing \$100,000—because it was not in Olmsted and Vaux's 1859 plan. That is, if one of several interested municipalities outside New York City does not make a definite offer to move it before June 18. Moving it won't be easy; its walls are heavy poured concrete and the whole structure is clad in thick carved limestone.

When built, it was said by the arts magazine, *International Studio*, "to embody the highest achievement in the science of acoustics"—an attribute still given by musicians and their organizations, including some from around the country. Captain Kenneth Force, director of music at the U. S. Merchant Marine Academy, has said he will lie down in front of the bulldozers. A 1923 *New York Times* article cited sensitive placement into a

hillside off the Mall by architect William Tachau that reduced apparent size. Therein lies the problem. In the original design, the hillside was part of a Mall crossaxis that started with the long-gone Central Park Casino at the top, led to a modest wisteria pergola at the plateau's edge for viewing longer-gone ladies and gentlemen on the then-named "Promenade" below, and ended with an acoustically marginal bandstand on the opposite side. Now, the one remaining structural element, the twice-rebuilt pergola, is blocked from view for almost a quarter of its length by the bandstand. That is the most cogent reason the Conservancy wants demolition. "It was only one of many options in a Rogers-era master-plan," explains plan author, architect Gerald Allen. None could completely restore the original plan because of a host of new park uses and resulting new buildings far more intrusive and less elegant than the bandshell. "Wanton destruction," says preservation architect Giorgio Cavaglieri. *Charles K. Hoyt*

Strategies

Now, Organized Management

"Get a plan, think it through, and act on it—don't talk it to death," says Lee Askew III, a partner at Memphis-based Askew, Nixon, Ferguson & Wolfe. "Fine-tune it later." Askew is warning gently of the pitfalls of Total Quality Management, a system his firm adopted last year. He spoke in February at the third annual Quality Management Conference of the Design & Construction Quality Institute (DCQI), held in Orlando last February. [See "Total Quality Management Gives You that Competitive Edge," *RECORD*, February 1992, page 9]. Askew's warning is actually a hearty endorsement. TQM has "real substance," he says.

Askew's enthusiasm is shared by Mike Dattilo, a partner at Page Southerland Page, (PSP) in Dallas, who was also a panelist at DCQI. Both spoke forcefully about how the process has increased—and continues to boost—efficiency and reduced waste in everything from change orders to fees. Each stressed that TQM has to start from the top down. "This couldn't happen without the total support and commitment of this firm's senior partner," says Dattilo. Yielding new tools like a "full-blown" project manager's guidebook, TQM has helped Askew's firm to "streamline and standardize" operations. "Now we can do it once, do it correctly," says Askew, "there's not a lot of redundancy." Askew refers wryly to the firm's "alligator list—it keeps things from biting you." He claims that broadly computerized survey mechanisms, along with weekly time sheets and staff meetings, enable management to keep on top of jobs and internal operations.

Despite hefty costs in time, energy, and money, they agree TQM is visible at the bottom line. "There's no mirrors and polish," says Dattilo, "but it's paying for itself already." A recent PSP job for Texas Instruments, a major client, came in under budget, ahead of schedule, and with "zero change orders." Says Askew, "We're daring ourselves to be profitable." *P. D. S.*

Public Places

Special-Needs Work Offers Opportunity for Architects

AIDS hospices for kids, care facilities for crack babies, shelters for homeless teens and battered women, extended day-care for one-parent families, support services for teen mothers: "There is work here," says William Worn, organizer of a February symposium on "New Opportunities in Architecture for Social Change," at the Chicago AIA, "although it may not be glamorous work." But what designing for the public and the private not-for-profits sectors lacks in glamour it makes up for in challenge, as one panel made clear. The Chicago firm of Johnson and Wilson used vinyl to create a "rug look" in rooms of a rehabbed family shelter where rugs wouldn't work, and employed a continuous wood chair rail as both decoration and as an orientation device for the blind.

The speakers also made clear that a changing world may require architects to change the way they work. For example, Deborah Moore of the Chicago Housing Authority—an agency that has spent \$150 million on architecture and engineering in the last four years alone—spoke about the need to work in partnership with public housing residents, who "know more about these buildings than you and I will ever know." A local example

is El Mercado, a small-business incubator described as the first public market to open in modern Chicago. It was designed by Peter Landon Architects, which renovated an existing supermarket with the advice of neighborhood Hispanic businessmen familiar with similar facilities in Mexico and elsewhere.

Surprisingly, the agency pros insisted that doing good did not necessarily mean do-gooding. Marc Hauptert of Chicago House, an AIDS care facility, was not alone in noting that small nonprofit organizations are reluctant to push architects to change unsatisfactory designs when they donate their services. Instead, Hauptert and others suggest that architects be paid, then asked to donate all or part of their customary fee *after* the fact. Backing up complaints that gentrification destroys rather than builds neighborhoods, Linda Hoke of the Legal Center for Disability Rights spoke most movingly about designers' larger responsibilities. "Depending on how you design buildings," she reminded the audience, "you can make people with disabilities contributing members of society." *James Krohe, Jr.*

Mr. Krohe is a writer in Chicago.

Taxing Matters

IRS Seeks to Alter Hiring Practices

Should federal taxes, unemployment insurance, and workmen's compensation be withheld from the paychecks of temporary and freelance architectural employees, as is now required under the Tax Reform Act of 1986? Or should this increasing army of non-salaried personnel be paid lump-sum fees and be allowed to file 1099 tax forms as independent contractors? According to David McFadden, whose firm, Consulting for Architects, is a leading architectural employment (permanent and temporary) agency, the present code places a burden on employers, raising payroll costs through paperwork and matching deductions, impedes cash flow, and threatens to reduce hiring.

The IRS's logic is that this prevents firms from illegally listing full-time employees as freelancers. But McFadden contends that the IRS's intention of flushing out concealed 1099 employees has had the effect of forcing some hiring underground: "A firm will hire an individual for a project, saying it's a permanent position, and can him when the project is done." McFadden and Douglas Korves, an architect on AIA's Government Affairs Committee, say the IRS is using 1099s as a trigger to audit architectural firms that file them. "It's a big problem," says Korves.

But Stephen Viscusi, a partner in DesignTemps, a placement firm he owns with Diane Barnes, Roz Brandt, and Jeffrey Osborne, warns of a different danger: "What happens if an employee on a 1099 gets hurt? Who's paying the disability?" Indeed, the joint refuges of unemployment insurance and disability are more than just comfort to architects seeking temporary work. And payroll costs for temporary workers are tax deductible when routed through an employment agency. "If you're doing business correctly and legally," says Viscusi, "it's a nonissue." Meanwhile, McFadden is pressing the AIA to lobby for a change in the tax code. *P. D. S.*

New Agendas

Fast Changes at AIA

"We want to make what architects produce indispensable and not merely indisposable," said University of Nebraska's architectural school dean Cecil Steward. This year's annual RECORD editors' lunch for the new president of AIA offered insights into the institute's agenda. To accomplish his platform, Steward intends to put architecture back on a footing with law and the other professions by emphasizing its mechanics instead of its

art. He intends to start with the schools, by initiating a three-year study of how well they prepare students to cope with realities. He also believes architecture should be concerned as much with social issues as physical ones. The supplemental dues schedule is another target Steward is aiming at: he intends to mold the fees on the "cafeteria plan," so that "members pay only for what they take out." *C. K. H.*

Home Comforts



300



301

300. Post-formable. A heat-formable composition is used to make integral sinks such as the Venus undermount basin, shown set in a custom quilt-patterned vanity that is a fabricator's tour de force in three colors of Crystelle solid-surfacing. Available in sheets as well as formed products, the solid-surface material can be curved to tight radii in the field. Avonite, Inc., Los Angeles.

301. At hand. A professional-looking rack hangs over the cooktop or sink to put utensils within reach. The chromed-steel grid



302

lifts up so the wall can be cleaned; accessories include a paper-towel dispenser, saucepan-lid holder, and hooks. Franke, Inc., North Wales, Pa.

302. Deco-motif kitchen. Pull-out wire drawers are storage options with Deco cabinetry, described as more sophisticated than Country and more decorative than Contemporary. Doors may have asymmetrical inserts of glass or mirror; finishes include maple (pictured), cherry, oak, and paints. Rutt Custom Cabinetry, Goodville, Pa.



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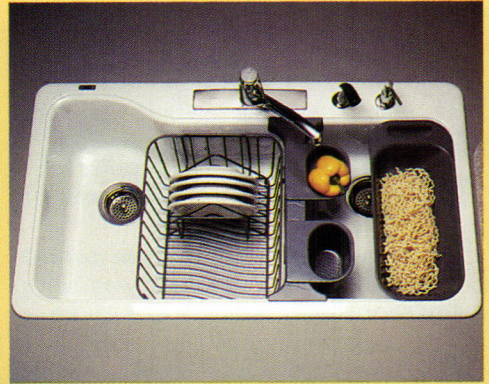


304

303. Nostalgic. An accurate replica of the ingenious kitchen cabinet manufactured in Indiana around World War I, this new Hoozier is made of matte-finished cherry. The interior has a pull-out work surface, built-in flour bin and swing-out sugar jar, a spice rack, and other space-saving fittings found in the original cabinets. Heritage Custom Kitchens, Inc., New Holland, Pa.

304. Mix-and-match. MasterShower components include a tower with a choice of push-button-operated water-delivery modes:

For more information, circle item number on Reader Service Cards.



305

307



308

306

an overhead sheet-flow spout, two adjustable bodysprays, and a three-way (pulsating, regular, or aerated spray) showerhead. Bodysprays and showerheads meet current gpm restrictions. Kohler Co., Kohler, Wis.

305. Large-format tile countertops.

Ceramic porcelain is now made in extra-large 3- by 2- and 2- by 3-ft sizes that minimize joint lines on counter surfaces. Tiles, 12-in. x 12-in., include backsplash, and matching 12-in. nosings come in either matte or glossy finishes. American Ceramic Tile Co., Roswell, Ga.

306. Compact kitchen-layout system.

Even the most basic kitchen configuration can include many of the clever ergonomic accessories that are a hallmark of this German cabinet line. A planning tool, the Compact Design system can be used with both EuroStyle and traditional-design casework, building outward from a butterfly-shaped bank of cabinets. SieMatic Corp., Langhorne, Pa.

307. Light and glossy. Silhouette is the first kitchen line made in Americast, half the

weight of cast iron but with the same porcelain-enamel finish. Sinks include accessories such as colanders, utility baskets, and a dish rack. American Standard, Piscataway, N. J.

308. Restaurant-style equipment.

Stoves are designed to fit unobtrusively into residential cabinet layouts. Overall depth is 24 in., with a 4-in. toe space that matches standard cabinet setbacks. Burners provide a range of cooking temperatures from 14,000 Btu's down to a low-simmer 400 Btu. FiveStar, Cleveland, Tenn. ■

Pioneer Spirit



*A courtyard house by David
Morton and Thomas Cordell is a
protected oasis in a rugged
Northern California landscape.*

*House on a Ranch
Petaluma, California
David Morton Thomas Cordell
Architects*

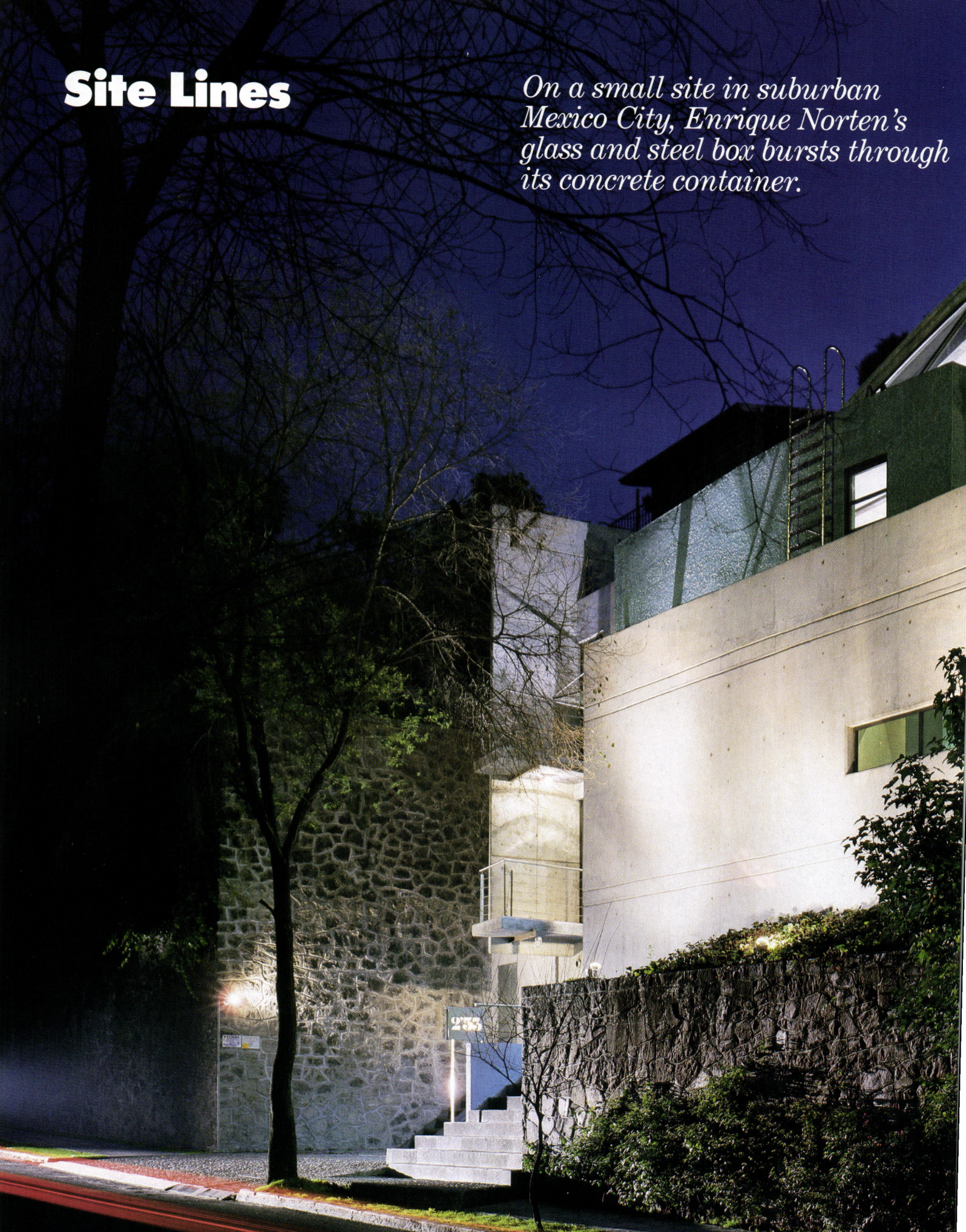






Site Lines

On a small site in suburban Mexico City, Enrique Norten's glass and steel box bursts through its concrete container.



*Ortiz House
Mexico City
Taller de Enrique Norten y
Asociados (TEN), Architect*







Fun House

An oceanside house near Daytona Beach celebrates the pleasures of life along the boardwalk.

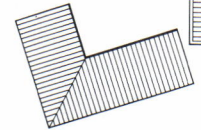
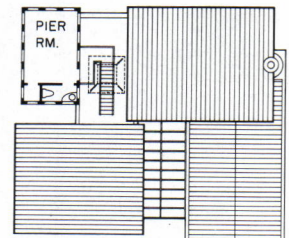


*Root Guest House
Ormond Beach, Florida
Steven Harris & Associates,
Architect*

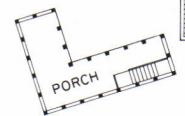
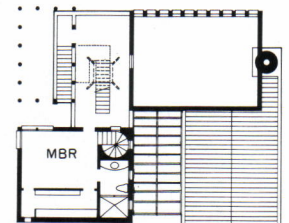




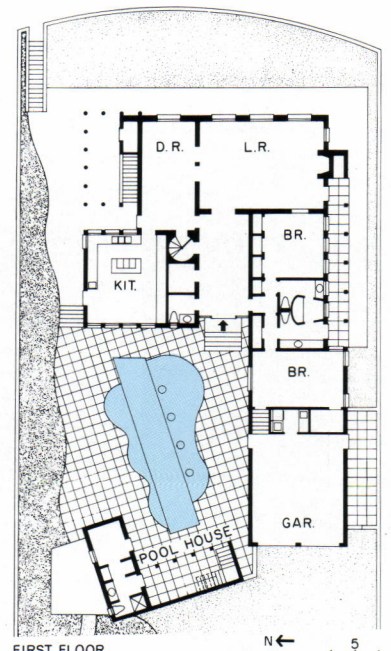
A long narrow site, the closeness of neighboring houses, and the logic of exploiting ocean views all helped determine a plan comprising two L-shaped buildings around a courtyard. Many of the house's most distinctive features are custom-designed. Harris, for example, designed the unusual guitar-shaped pool (opposite). His associate, Lucien Rees-Roberts, produced the pool's glass-mosaic-tile pattern, which separates a deep, 50-foot-long lap lane from a shallow lounging area where bright-yellow cylinders may be used as seating or as cocktail tables. Custom work also marks the atrium (bottom left), which has an African slate floor and a hand-fabricated stainless-steel curtain wall. All terrace rails, including one on the second floor off the master bedroom (top left), are made of laminated heart redwood, rasped finished for an irregular whalebone-like profile.



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR





Modern Over Modern



*A film producer's house in
the Hollywood hills converts
the world into pictures.*

*House for a Film Producer
Los Angeles, California
Smith-Miller + Hawkinson
Architects*





A desert garden filled with olfactory plants, designed by landscape architect Akva Stein, confronts the street (middle left). Stein designed the gardens to extend the palette of the renovation into the landscape, shunning geometry and vertical elements in favor of low desert planting. The front yard is framed by a sand-blasted-stone wall and a new pergola that is, says the architect, "a rhetorical device" that opens up the basic framework of the house for public inspection (top left).

The rectangular forms of the front, which buffer the house from the street, slowly give way as one moves through the house to the serenity of a living area (below left) that opens out to a view of hills and the distant ocean. Sliding panels allow the client to close off the media room (in the background beyond the aluminum fireplace hood), while a similar device also can make the kitchen into a separate room. Sunshades and sliding glass doors then increase the protected, but seemingly limitless boundaries of the house. Only the steel staircase to the master bedroom interrupts this movement (opposite).



*Corson-Heinser
Live/Work Building
San Francisco, California
Tanner Leddy Maytum Stacy
Architects*

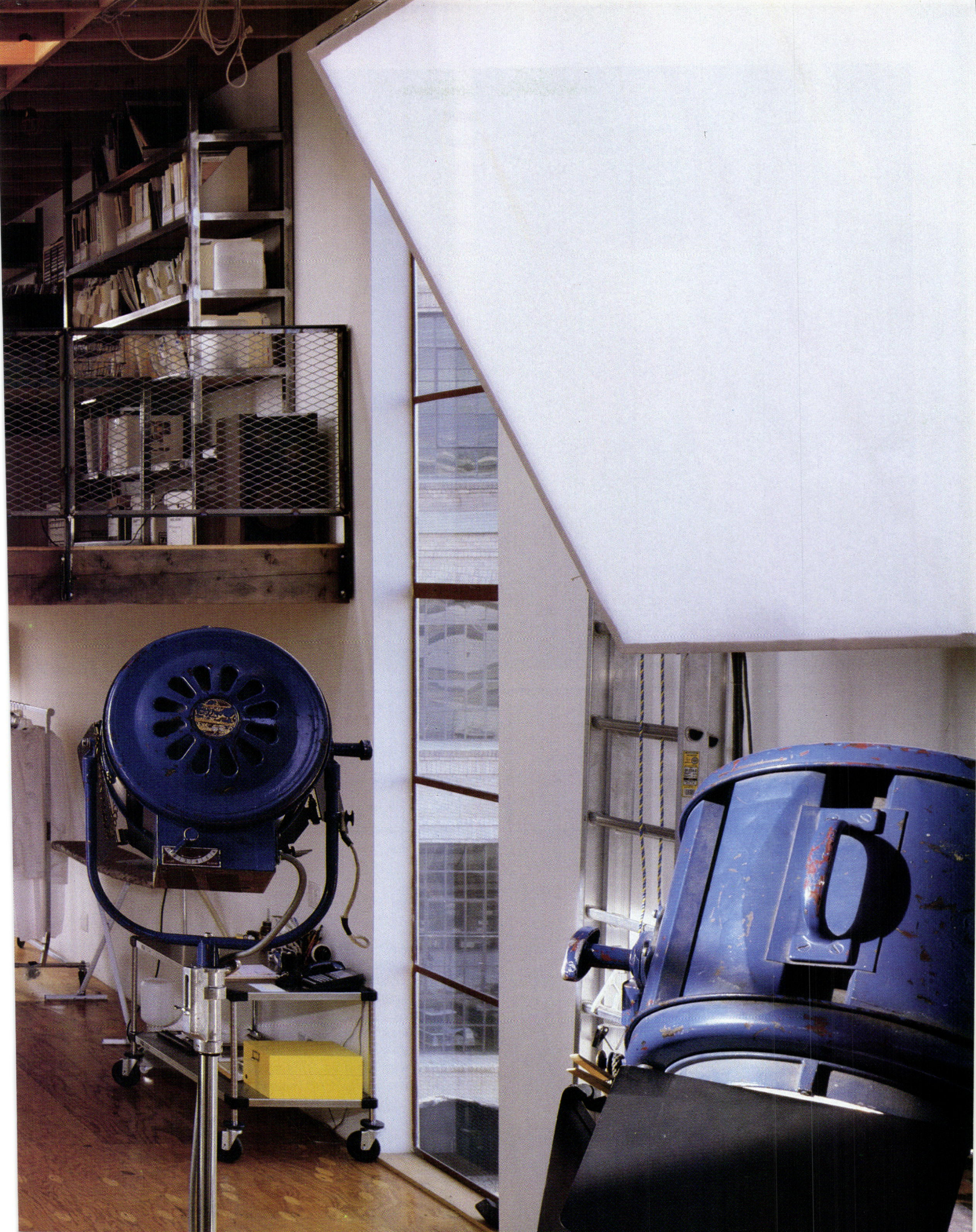


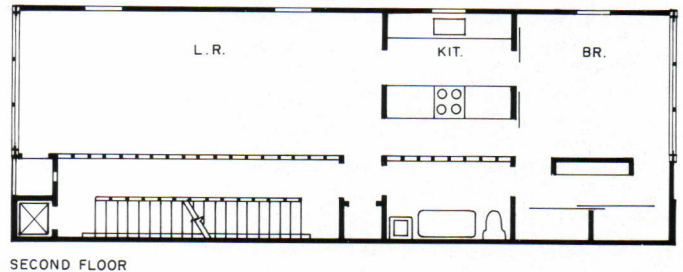
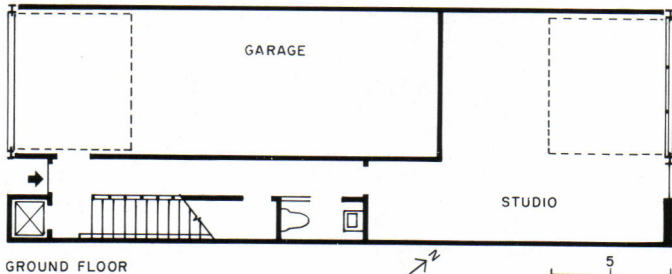
Industrial Arts

Celebrating the beauty of rugged materials well connected, Richard Stacy has designed a slender structure that provides living and work space for two artists.



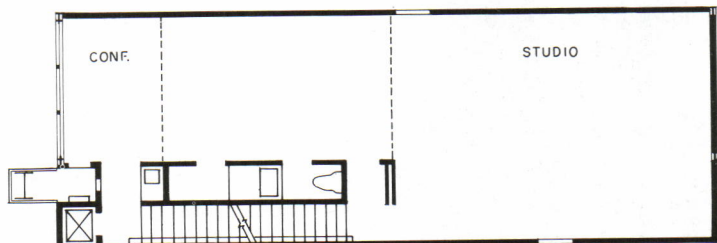




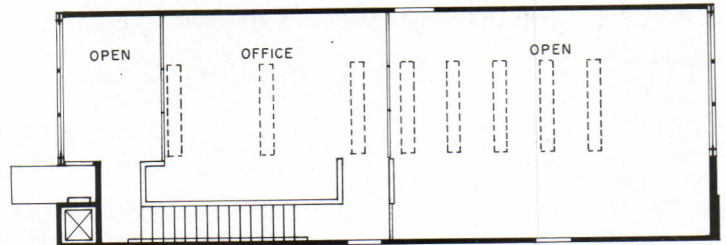


The photography studio (pre-
ceding pages) occupies the
third floor and mezzanine
level, offering 16-foot clearance
in the main shooting area. Al-
though backed up against a
two-story wall with only a band
of clerestory windows, this area
can receive sunlight from verti-
cal windows on the north and
south ends, the window wall on
the western elevation, and nar-
row lights inserted between the

rafters. Because the building is
in a downtown fire zone, it is
sprinklered. With a footprint
of 20 by 55 feet, each floor mea-
sures 1,100 square feet. The
mezzanine occupies about 340
square feet. To make the build-
ing's vertical circulation block
feel as open as possible and to
show how the structure is put
together, the architect exposed
wood studs in the stair hall
and used open risers (above



THIRD FLOOR



MEZZANINE

left). The second floor serves as the common living area, with the kitchen (opposite right) separating the living room (above) from the bedroom (not shown). The photo studio (above right) occupies two levels.

Credits
 Corson-Heinser
 Live/Work Building
 San Francisco, California

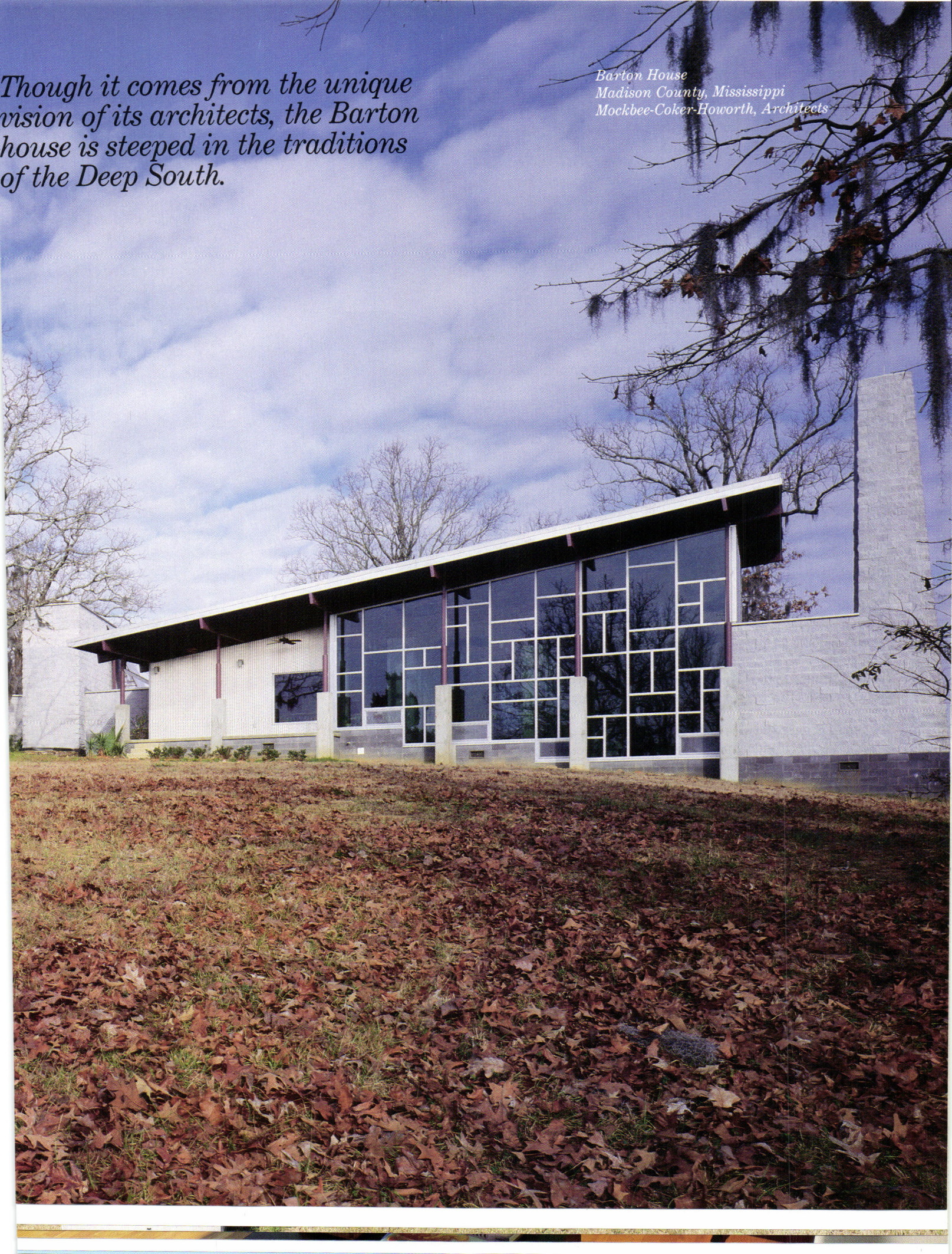
Owners: Madeleine Corson and Thomas Heinser
Architect: Tanner Leddy Maytum Stacy Architects—Richard Stacy, Nick Noyes, design team
Engineers: Tennebaum-Manheim Engineers (structural); Design Engineering Services (mechanical)
General Contractor: Fine European Construction

Bayou Country Seat



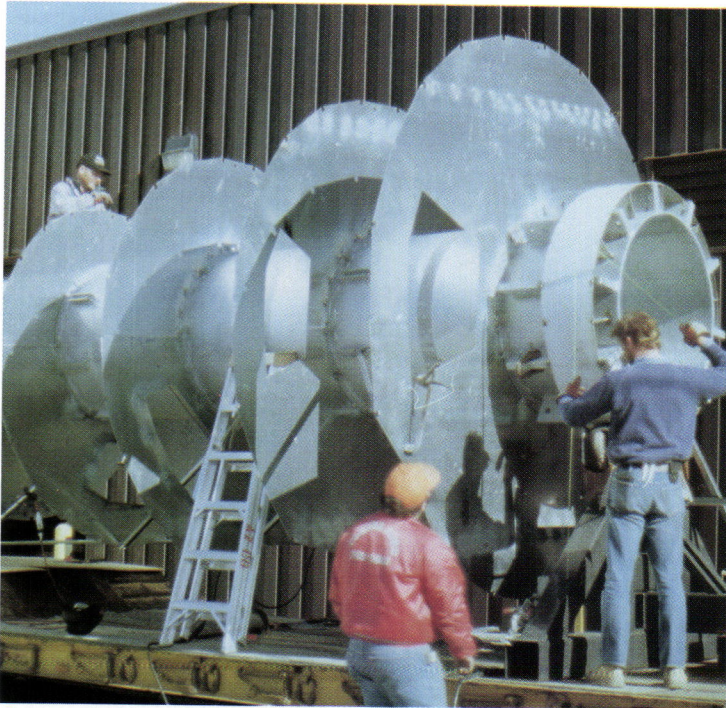
Though it comes from the unique vision of its architects, the Barton house is steeped in the traditions of the Deep South.

*Barton House
Madison County, Mississippi
Mockbee-Coker-Howorth, Architects*

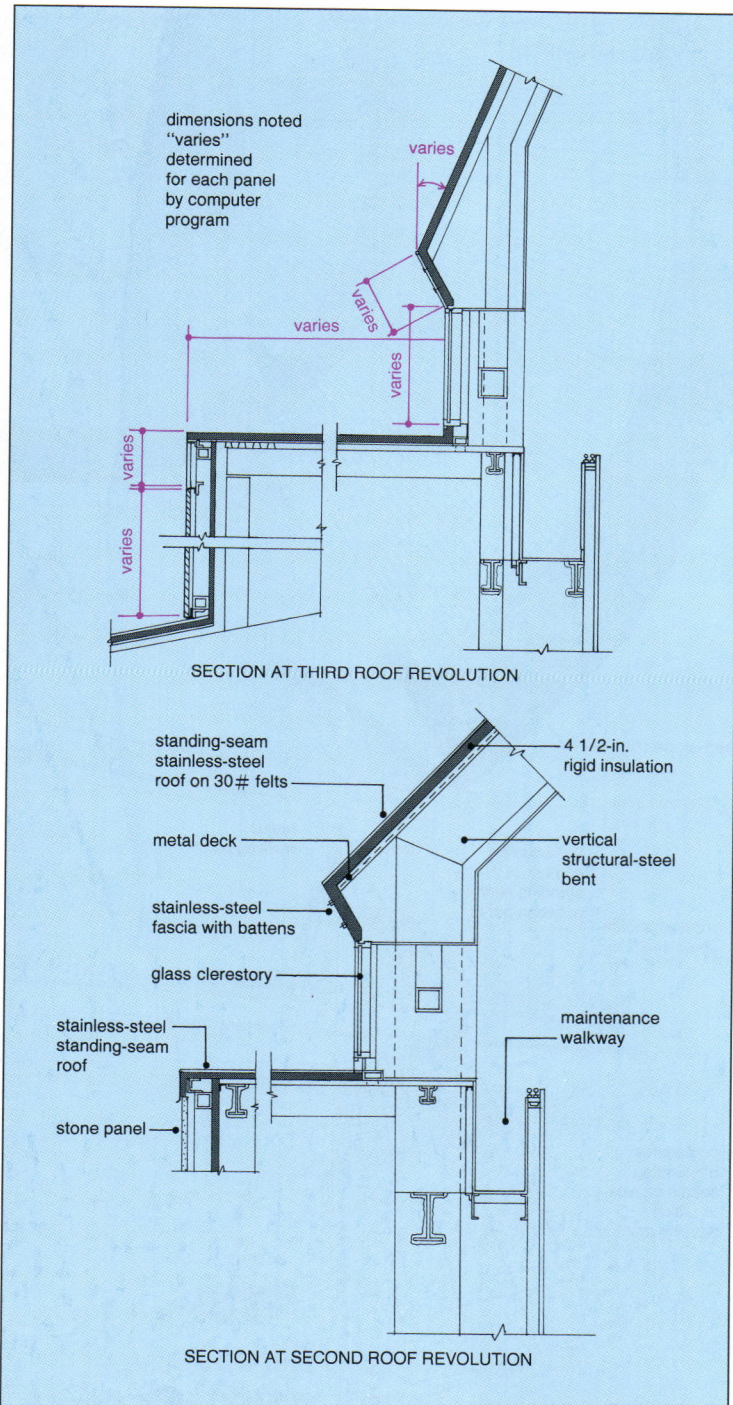


CAD software developed a three-dimensional external shell, locating points (instead of dimensions, all of which vary) at any position on the exterior (top drawing). From the shell the design team worked inward, accounting for the depth of roofing, insulation, and metal deck, thereby defining the envelope within which the structural supports were positioned (bottom draw-

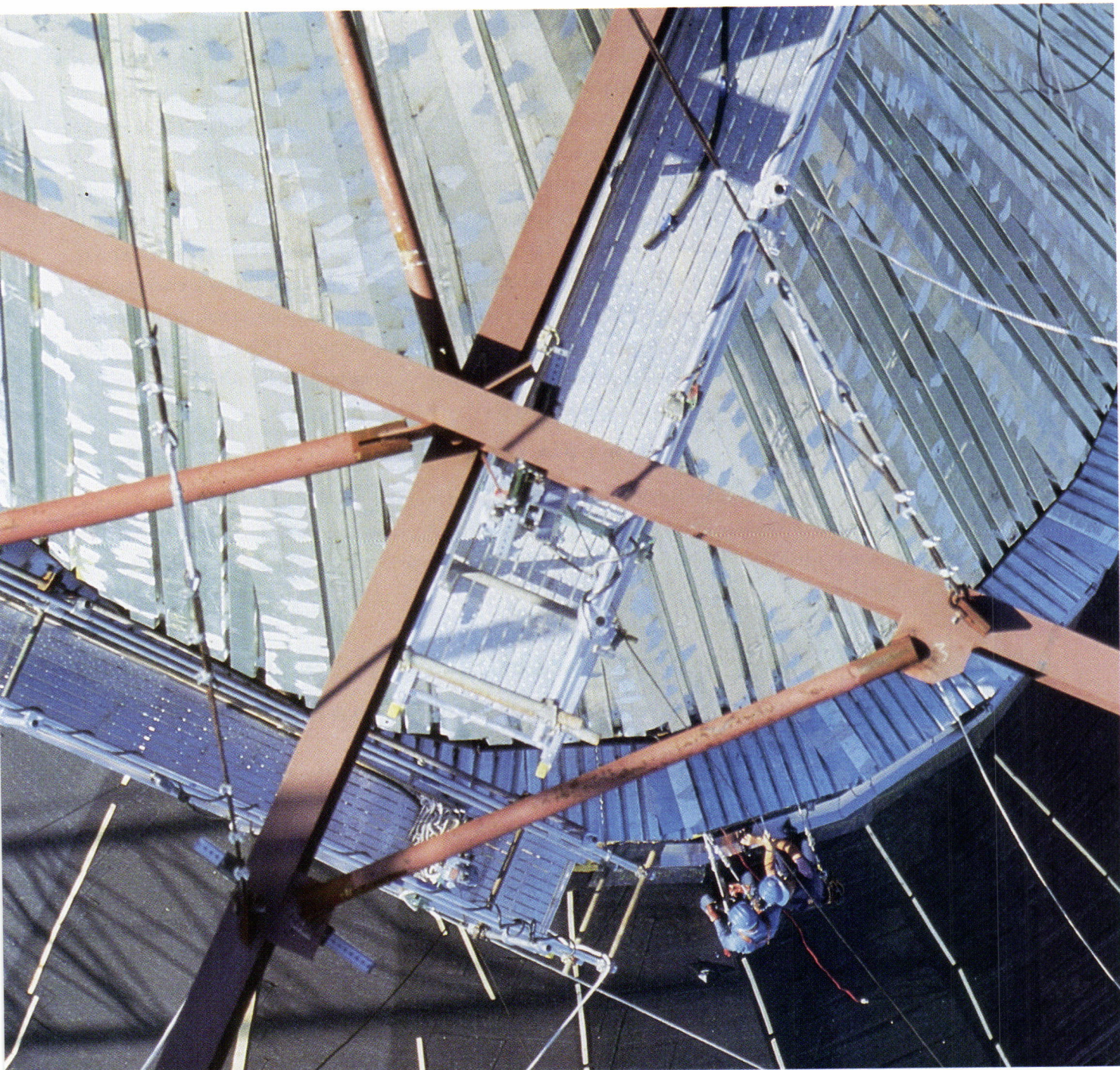
ing). The steeple presented an unusual challenge since the surface spirals to only a 2-ft diameter at its apex. To assure the precision necessary, the architects provided computer-generated plans at every 2-ft height, which A. Zahner translated into metal discs and mounted on a tubular-pipe spline for support of the skin (photo below and shop drawing page 141).



Courtesy A. Zahner Company



Credits
Reorganized Church of
Jesus Christ of
Latter Day Saints Temple
Independence, Missouri
Owner: Reorganized Church of
Jesus Christ of
Latter Day Saints
Architect: Hellmuth, Obata &
Kassabaum—Gyo Obata,
design principal; Robert
Stockdale, project designer;
Charles Hook, project
manager; Richard Tell,
project architect
Engineers: HOK (structural);
Smith & Boucher (mechanical)
Consultants: Code
Consultants, Inc. (codes);
LeMessurier Consultants
(structural); Heitmann and
Associates (exterior skin);
Kirkegaard and Associates
(acoustical)
General Contractor: J. E.
Dunn Construction Company



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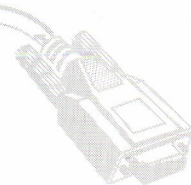
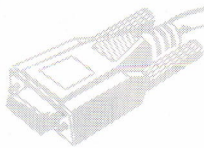
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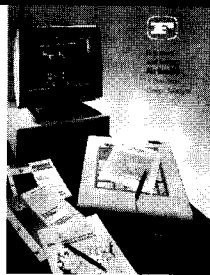
A5

Name _____
Title _____
Company Name _____
Mailing Address _____
City, State, ZIP Code _____

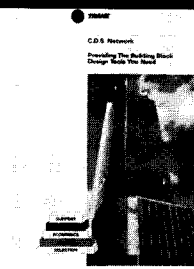
Connect me with A/E/C SYSTEMS '92! Send the following right away: 32-page conference catalog



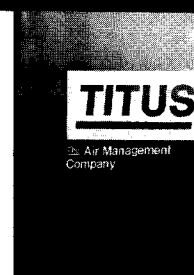
410. Workstation hvac
A brochure discusses Crystal-Aire Clean Air System product options for desktop, wall-mount, ceiling, and hidden installation in office space. Modular design permits electrostatic, HEPA, mechanical, or charcoal filtration; air cleaners can be adapted to any room configuration. United Air Specialists, Inc. Cincinnati.



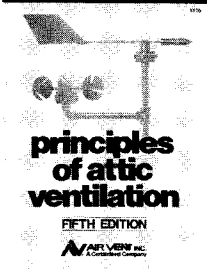
411. Filter selection
A 40-page report, written for system designers, provides an engineering basis for selecting filters for air-quality control in all types of buildings. Correct filtration permits greater use of recirculation air to achieve quality at 100 percent of outdoor air levels. Farr Co., El Segundo, Calif.



412. Energy analysis
TRACE PC-based programs permit a wide variety of design what-ifs, examining the energy impact of decisions from geographic siting to the thickness of insulating glass. New software integrates AutoCAD with load-design and energy-analysis programs. The Trane Co., La Crosse, Wis.



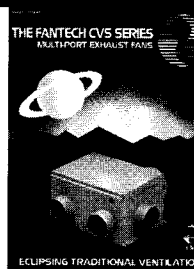
413. Air distribution
An easy-reference catalog consolidates data on all of this maker's air distribution products, and offers an overview of current research in air-side applications, including acoustic and energy information. Titus, Richardson, Tex.



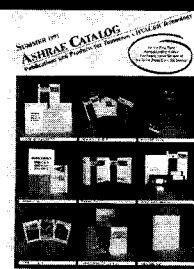
414. Attic ventilation
A 30-page illustrated booklet analyzes the natural forces affecting an attic ventilation system, and compares the performance of different venting techniques in reducing condensation, heat buildup, and ice dams. Describes different ridge-venting installations for various types of roof constructions. Air Vent, Inc., Peoria Heights, Ill.



415. Residential hvac
Clearly written 20-page brochure explains the operating principles, energy costs, and air-quality values of heat pumps, air cleaners, humidifiers, programmable thermostats, and other iNvironment System home heating and ventilating equipment. Carrier Corp., Syracuse, N. Y.



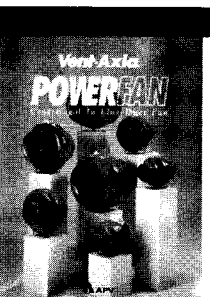
416. Multi-port fans
CVS Series centrifugal exhaust units come in four sizes and up to four venting points to provide energy-efficient air circulation for homes and commercial spaces. Permits complete home ventilation with one fan. Fantech, Inc., Sarasota, Fla.



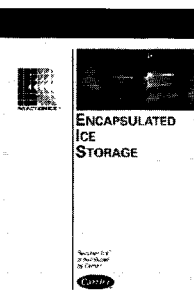
417. Hvac research
Publications catalog summarizes books, manuals, and research documents for the mechanical engineer, architect, and other building professionals. New listings include a guide to the design of quiet hvac systems, with solutions for existing noise problems. American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc., Atlanta.



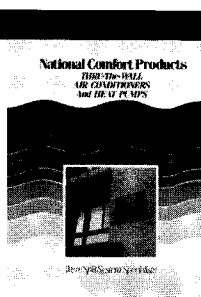
418. Ductless systems
New equipment designs allow for flexible system configuration, especially in the placement of indoor units, and permit the use of ductless mini split air conditioners and heat-pumps for both commercial and residential buildings, particularly in remodeling. EMI, Rome, N. Y.



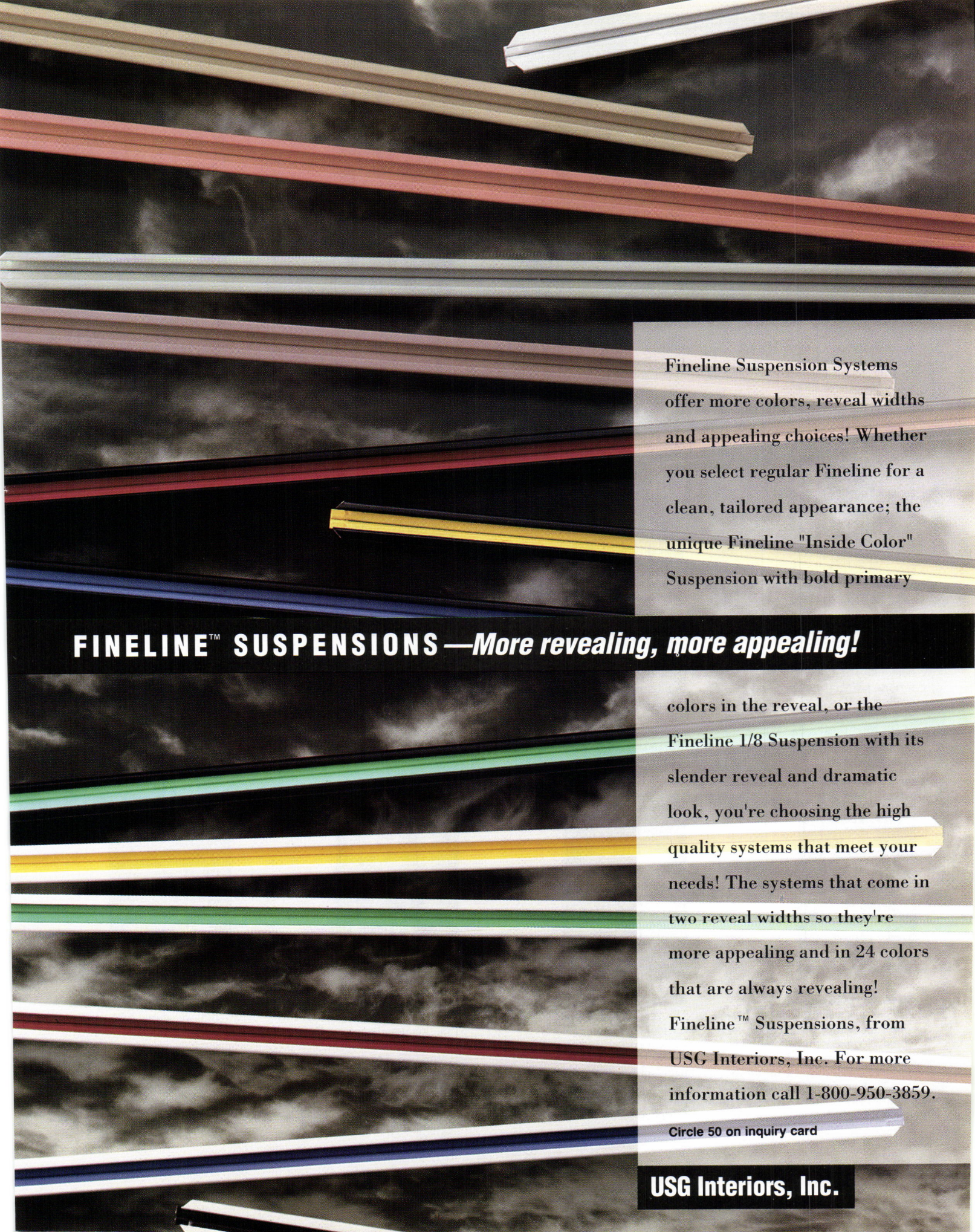
419. In-line duct fan
A compact air mover, the Powerfan combines the benefits of axial-flow units with the pressure characteristics of radial fans. Brochure describes low-noise and easy-installation features of fans for home and commercial ventilation. APV Vent-Axia, Inc., Wilmington, Mass.



420. Ice storage
Brochure explains the advantages claimed for the Reaction Ice encapsulated ice storage system, such as simple installation techniques and superior heat transfer. This air-conditioning technology shifts major electrical consumption to lower-cost evening hours. Carrier Corp., Liverpool, N. Y.



421. Split system
A data sheet on through-the-wall air conditioners and heat pumps gives full unit dimensions, capacity ratings, and electrical requirements for three lines, and lists the equipment brands they can replace. National Comfort Products, King of Prussia, Pa. ■



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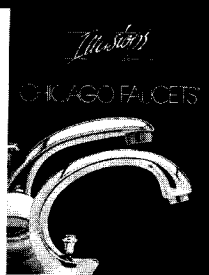
Circle 50 on inquiry card

USG Interiors, Inc.



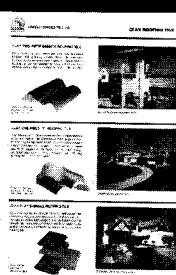
422. Efficient windows

Concise design catalog highlights wood-frame residential windows with glazing options that include InSol-8. This configuration uses two sheets of Heat Mirror film to achieve a total-unit R value of 5.5. CAD window program and architectural tracing file available. Hurd Millwork Co., Inc., Medford, Wis.



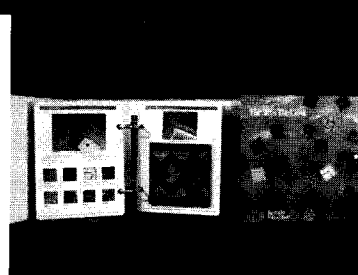
423. Euro-style faucets

Illusions bath fittings shown in a color brochure come in a deep gold-colored Eurobrass finish, as well as offering chrome and white-enamel options. Line is characterized by a high-profile spout and rounded faucet handles. The Chicago Faucet Co., Des Plaines, Ill.



424. Roofing tile

Flat, "S", and Mission-style tiles come in 12 standard russet colors and blends as well as dramatic blues and celadons. Technical catalog includes drawings of flashing, hip, eave, and other installation details. United States Tile Co., Corona, Calif.



425. Wood-floor design

The Architectural Folder III has hardwood samples and color installation photography of all Kentucky floor patterns, such as Custom Classics, Plank, and Parquet. Includes data on relative hardness and fire-resistance of wood species, millwork accessories, and layout services. Kentucky Wood Floors, Louisville.



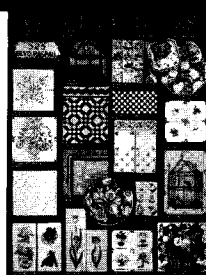
426. Cedar-like siding

Full-scale siding sections are included in a specifier's kit demonstrating new Lake Forest Exteriors, a Kynar-finished vinyl product said to replicate the texture, grain appearance, and subtle colorations of natural cedar siding. Alcoa Building Products, Sidney, Ohio.



427. Openings

A color Made To Order catalog features 96 pages of wood windows and patio doors in a wide range of shapes to illustrate this maker's custom capabilities. Installation details, frame components, and cladding options are included. Marvin Windows, Warrod, Minn.



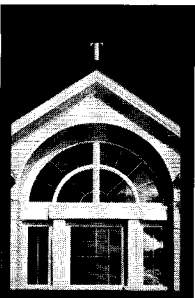
428. Decorative tile.

Walls, floors, and counters are shown covered with colorful tiles and terra cottas from France, Portugal, Italy, Holland, Mexico, and other countries, as well as handpainted American-made Culinarios, panels, and border treatments. Country Floors, New York City.



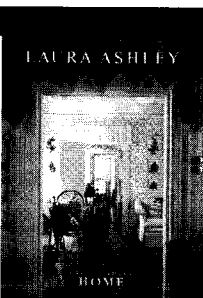
429. Dual-component

An eight-page catalog highlights the WoodClad window frame, which has vertical-grain Douglas fir on the interior, and an exterior structural aluminum frame. Locking hardware on all units meets stringent forced-entry standards. Milgard Windows, Tacoma, Wash.



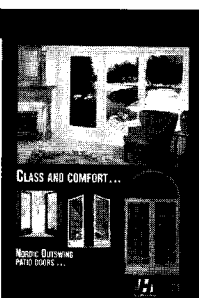
430. Architectural

Tischler's newest application brochure illustrates how custom windows work with residential design in a wide range of idioms, from Baroque through Art Nouveau to Post Modern; from Colonial and Tudor to Frank O. Gehry. Tischler und Sohn (USA) Ltd., Greenwich, Conn.



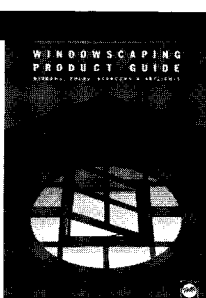
431. Floral fabrics

The versatility of the English Country look is exemplified in wallcoverings, draperies, borders, and furnishings illustrated in a 56-page spring 1992 catalog, which inaugurates this manufacturer's to-the-trade discount sales program. Laura Ashley, Inc., Mahwah, N. J.



432. Rotating window

Brochure describes some of the functional and energy-efficient features of the wood-framed H-Window, a Norwegian design now manufactured in this country. Any rectangular window can flip 180 deg—inside out—for easier cleaning; push-bar operating hardware is available. The H Window Co., Monticello, Minn.



433. Window selection

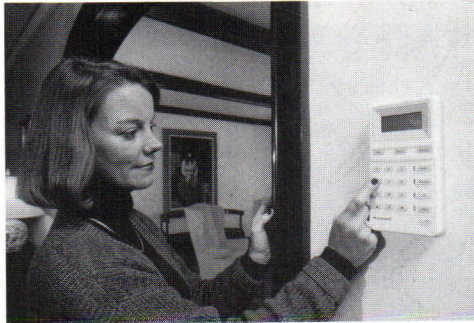
Windowscaping, a 34-page product guide, uses photos, cutaway drawings, and charts to demonstrate the appearance and design features of wood windows, entrance doors, sliding and French doors, sunrooms, skylights, and folding partitions. Pella/Rolscreen Co., Pella, Iowa.

Continued on page 152

New Products

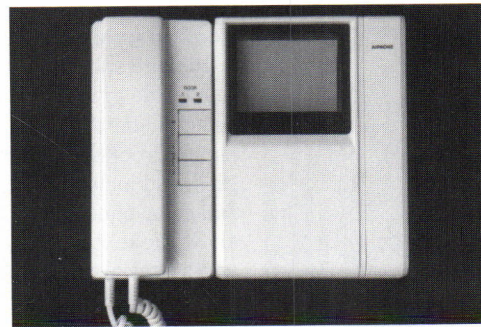


312. Open and shut. At NAHB, Marvin offered a look at the world's first two-way remote for windows. The hand-held unit can open, close, and lock motorized-crank casement windows; windows can also be operated by a push-button on the crank housing or from a wall panel. Any equipped window in a home can be worked from one spot; the location and mode (how much the window is open, locked, etc.) is displayed on a screen. The system should be widely available next year, and will have special value for disabled persons. Marvin Windows, Warroad, Minn.



313. In charge. Another NAHB introduction was the TotalHome system from Honeywell, equipment described as an economical and easy-to-use alternative to complicated home-automation technologies. Through a single control panel, pictured, the system can secure and monitor doors and windows, warn of fire and smoke, control temperature, operate lights, and start electric appliances. These functions are combined in a preset mode (wake up or at work, for example), and can operate remotely by telephone. Combining wired and cordless devices, TotalHome can be installed unobtrusively into an existing home at about \$4,000 for a basic system. Honeywell, Inc., Minneapolis.

For more information, circle item numbers on Reader Service Cards.

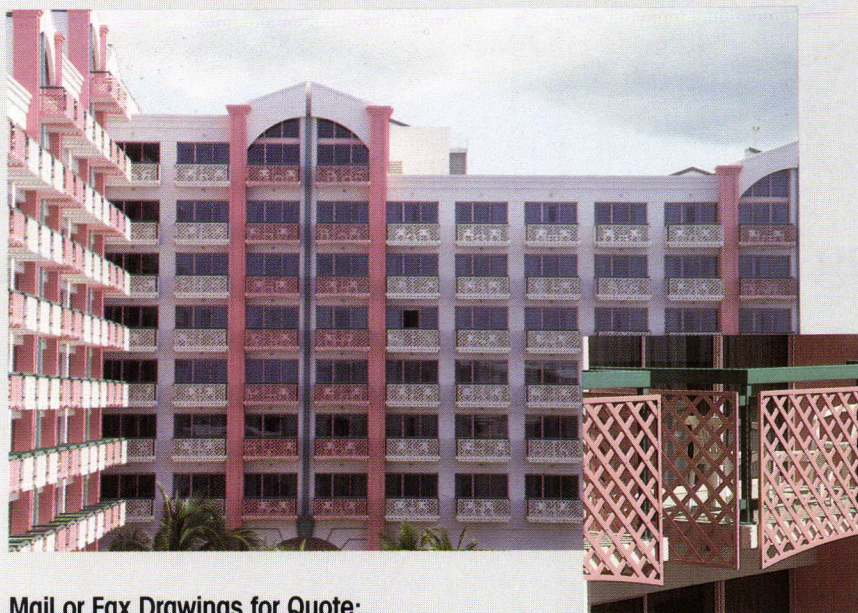


314. Entrance security. The makers of the Video Sentry unit describe it as a doorbell with eyes and ears—and its CCD camera has better-than-human vision. The basic home system consists of a master station, pictured, that can be wall-mounted or placed level on a counter, with a flat-screen display of images from the low-profile entry monitor. Installation requires only two non-coaxial wires. An optional pan-and-tilt feature permits wide-angle viewing through the infrared LED-illuminated camera. Aiphone, Bellevue, Wash.

Continued on page 154

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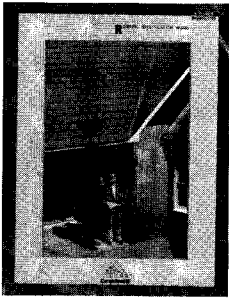
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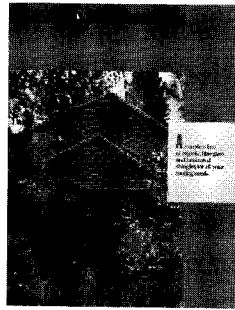
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Roofing guide

A 16-page specification guide gives selection data for asphalt roofing shingles, and includes full-color photos that show the texture and a typical application of each product.

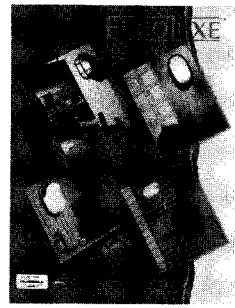
CertainTeed Corp. **434**



Fiberglass roofing

Product descriptions and installation photographs supplement specification data for fiberglass residential shingles and underlayment roll roofing. Color chart highlights 19 shingle colors.

Tamco. **435**



Compact luminaire

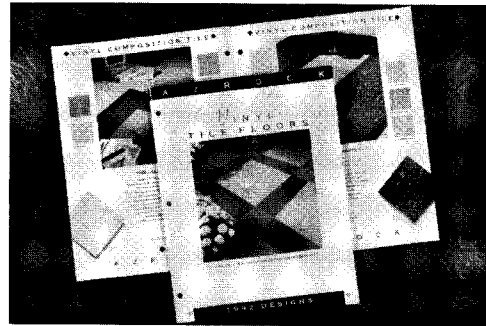
Four-color folder gives selection information for Eurolux decorative indoor-outdoor light fixtures for home use. The compact round or elliptical designs come in a choice of seven colors. Hubbell Lighting. **436**



Agglomerate tile

An architectural binder offers specification, installation, and maintenance data for tiles and slabs of agglomerate quartzites and marbles. A full set of samples includes 18 colors and three finish options.

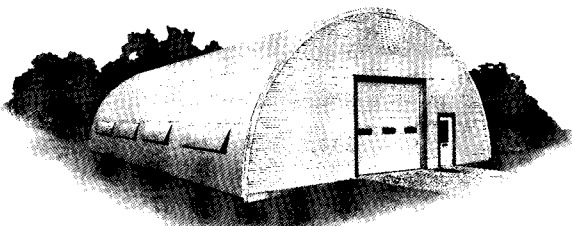
Granirex. **437**



1992 Azrock Line Catalog, LC-15 - Azrock Industries Inc.

Vinyl floor tile

A 36-page book, "1992 Designs" features full-color illustrations of the firm's vinyl floor tile and accessories. Features custom-floor designs created by special border elements. Azrock. **438**

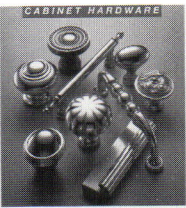


This was metal building design.

Times have changed.

For more information, circle item numbers on Reader Service Cards.

CABINET HARDWARE



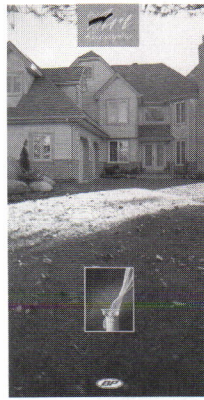
Solid Brass

OMNIA

Cabinet hardware

An eight-page brochure provides details on solid-brass cabinet hardware in traditional and contemporary styles. Finish options include black and satin chrome as well as brass shades. Omnia Industries.

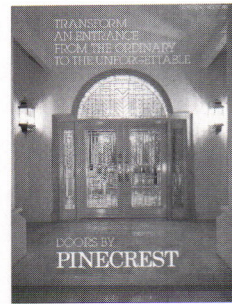
439



Designer shingles

Selection help for a 20-color line of asphalt and fiberglass roofing shingles includes an unusual color wheel. This matches exterior colors—siding, stone, brick, or stucco—with a suggested roof color. BPCO, Inc.

440



Custom doors

A 113-page four-color catalog illustrates and gives specification guides for a wide range of decorative entry doors, including raised-panel and hand-carved styles in wood, metal, and glass. Pinecrest.

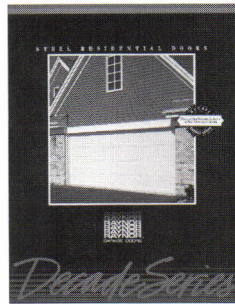
441



Kitchen sinks

The full line of Elkay stainless steel and Decostone sinks and accessories—from utility to gourmet—for kitchens, bars, and utility areas is covered in a 28-page catalog. Elkay Manufacturing Co.

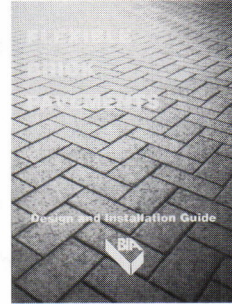
442



Garage doors

A 12-page brochure describes the Decade series of rough-sawn, finish-painted raised-panel garage doors of 24-gauge steel. Glass-light styles and decorative inserts are also covered. Raynor Garage Doors.

443



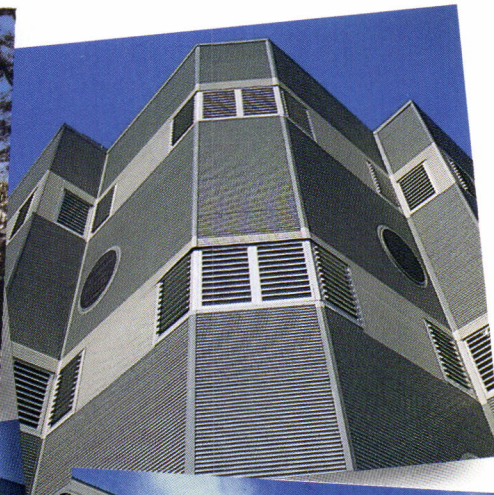
Brick pavement

A comprehensive 26-page guide details the structural design and installation of flexible (sand-jointed) brick paving systems. An interactive computer program is also available (\$49.95).

Brick Institute of America.

444

Continued on page 156



has metal building design.

lite roofing and siding panels give architects the freedom to more with metal—with flexibility, strength, and enduring aesthetics far exceeding conventional building products. Steelite is a single source for total building enclosures: panels in an active choice of profiles, substrates, coatings and colors... automatic curved panel systems...the clean, continuous lines and even superior strength of the unique SRS™ Standing Seam Roof System...streamlined louvers and ventilators...and the corrosion resistance of the exclusive Corrstan® Multi-Mil Coating System. Plus the values added by Steelite's close and constant attention to detail. Find out all you can do with metal panels on your next project. Call or write for our detailed product catalog.

—Attention to detail

STEELITE, INC. Circle 52 on inquiry card



Easy money.

Elkay's Gourmet Cuisine Centr  makes food preparation easy for your customers while it makes profits easy for you. Our exclusive bi-level design features a recessed ribbed work surface and a convenient disposer bowl, along with a spacious 10" -deep sink bowl. For more sales, just look at Elkay's neat new idea — and say the word...



© 1991 Elkay Manufacturing Company

just say **ELKAY**

Circle 53 on inquiry card

Make money the new-fashioned way.

Step up to full margins and big profits with Elkay's new single-bowl Sculptura. Made of high-tech Decostone for strength and durability, Sculptura is the look your customers want. Available in White, Almond, and Granite-look finishes in Gray and Tan. The Sculptura says elegance and profitability in a single word...



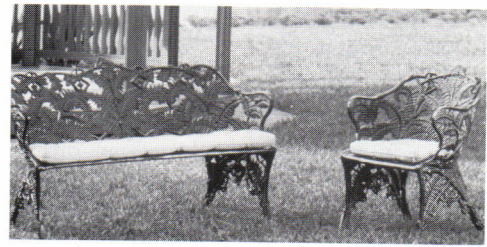
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just say **ELKAY**

Circle 54 on inquiry card

New Products

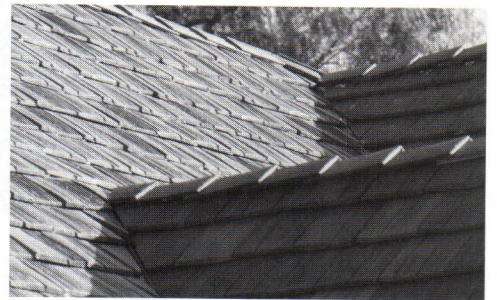
continued from page 151



315. Site seating. The Fern Leaf bench and chair are part of a collection of garden furniture reproduced in cast aluminum from 19th century originals at the Smithsonian Institute. Brown Jordan, El Monte, Calif.



316. Anyplace fireplace. The decorative GPV-5000 gas fireplace has a self-contained 3-in. diameter powered-vent system that can be installed in any direction, including around obstructions, over a distance of up to 40 ft, a feature that recommends it for remodeling applications. Superior Fireplace Co., Fullerton, Calif.



317. Replica roofing. A new roof tile is made of an A-label composite plastic, formed in molds taken directly from natural slate and cedar shakes that produce a distinct, realistic texture. Molds and colorations vary from tile to tile, giving a random effect to the installed roof. Individual tiles interlock for added wind resistance, and take foot traffic without damage. Everest Roofing Products, Walnut, Calif.

For more information, circle item numbers on Reader Service Cards.



318. Formal cabinets. New Regency style creates a traditional look with a raised-panel, one-piece door. Shown in a glossy polyester finish, the kitchen can be ordered in any of 50 colors to match Formica laminate. Wood-Mode, Inc., Kreamer, Pa.

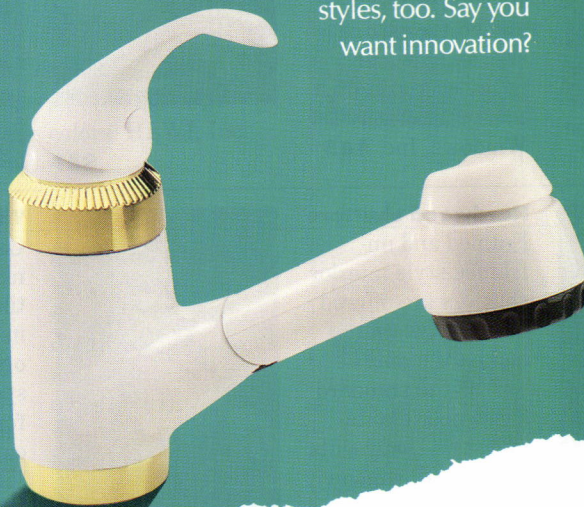


319. Discreet refrigerator. A new customizing feature of the Monogram built-in, 36-in.-wide refrigerator, a door-trim kit lets the unit virtually disappear: even European-thickness panels can be installed perfectly flush with surrounding cabinets without routing, and an adjustable cover conceals the top grille. The standard metal handles may be replaced with custom pulls, such as the twisted iron designs pictured. GE Appliances, Lexington, Ky.

continued on page 158

Fresh Profits.

Introducing the Regency Pull-Out, Elkay's freshest idea in faucet design yet! Our modern single-lever/pull-out spray combination makes for ease and convenience, while our exclusive Hi'n'Dry™ cartridge means years of carefree maintenance. Plus, a vacuum breaker and two check valves prevent back flow. Available in a range of color and trim styles, too. Say you want innovation?



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just say **ELKAY**®

Circle 55 on inquiry card

The color of money.

Elkay's Traditional Gourmet stainless steel sinks are a shining example of profitability. Customers appreciate the way stainless steel complements virtually every kitchen decor. And its brilliant beauty lasts longer than cast iron, porcelain or enamel finishes. For the broadest line of quality kitchen products, say the word...



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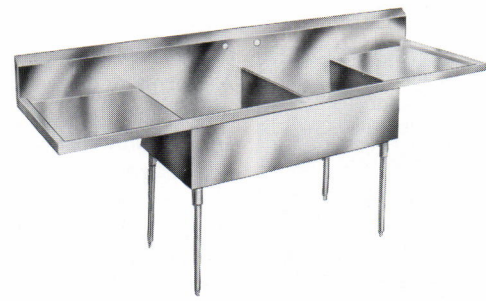
Circle 56 on inquiry card

New Products



continued from page 155

320. Cedar-framed conservatory. The Sun Crescent is a new design from a maker of wood-framed sun spaces offered in factory-numbered kits. Made up of wedge-shaped bays and roof segments attached to the house from a central hub, the one-story structure fits well on the gable end of a house. The room comes in different bay dimensions and roof slopes, with framing mullions capped in aluminum. Options include a range of energy-efficient glazing, operable windows, and knee walls. Lindal Cedar Homes, Seattle.



321. Commercial sink. Set on stainless steel tubular legs and bullet-shaped feet, the Sturdibilt scullery sink is for the serious cook with serious cleanup jobs. Square corners and a channel rim prevents spillover; drainboards and sink compartments are pitched to facilitate draining. Elkay Mfg. Co., Oak Brook, Ill.

FEATURING... Danpalon

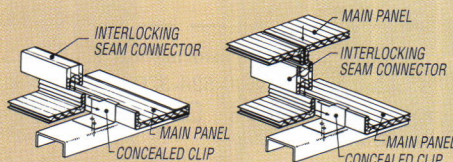
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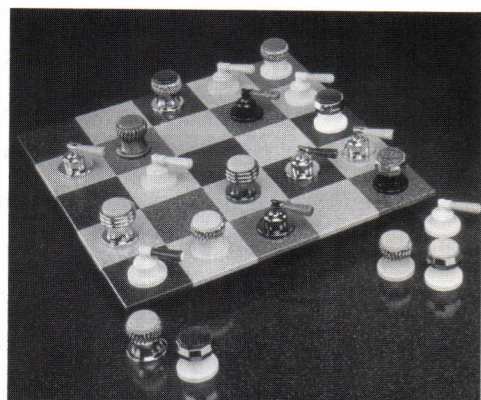
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322. High/low kitchen faucet. The Riser spout lifts 10 in. above the sink to fill or rinse large pots or vases, while staying out of the way during normal use. Part of the Legend kitchen line, it comes in chrome as well as colors such as Glacier White, pictured. Moen, Inc., Elyria, Ohio.



323. Solid-surface handles. DecorLine offers pop-up knobs and faucet handles in all Corian Sierra Granite colors, to match countertops and sinks. Gerber Plumbing Fixtures Corp., Lincolnwood, Ill.

Circle 58 on inquiry card

New Products



324. Stained-wood flooring. Blue Lindenwood is a new color-and-specie in the Timeless Series II line of laminated-plank flooring. A hard acrylic finish on the 1/8-in. wear surface resists abrasion and requires a minimum of maintenance. Beveled-edge planks come in random lengths from 12- to 46-in. PermaGrain Products, Inc., Media, Pa.



325. Wood-burning stove. Heartland makes traditional wood- or coal-burning ranges that can cook, bake, hold warm food and hot water, and heat up to 1800 sq ft of space. Shown is the circa-1906 Oval, with 6 sq ft of cast-iron cook-top. Also available in the same wood-burning, country look are natural gas, propane, or electric stoves in sizes from 30- to 48-in. wide. Stoves come in white or almond porcelain enamel, or all black; prices range from \$2,400 to \$3,900. Heartland Appliances, Inc., Kitchener, Ont.



For more information, circle item numbers on Reader Service Cards.

326. Marble-pattern floor. Whitney Place, a large-scale pattern with a realistic tile look, is a new design in the Silverado line of sheet-vinyl residential flooring. The pattern comes in slate gray, light jade, a gold-tone shell, and tan colorways, with a 36-in. repeat. Mannington Resilient Floors, Salem, N. J.

Continued on page 160

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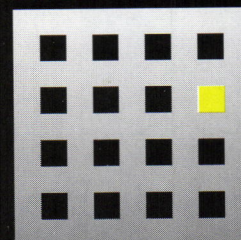
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What a bloody contrast between digging rock in Vermont and posing for pictures in New York.

"I've always admired the simplicity of Fifties design, so it was fun to get involved with architect Henry Myerberg's plans for New York's *West Broadway* restaurant. It's a SoHo bistro (at 349 West Broadway) and the brainchild of furniture and art dealer Tony DeLorenzo. One of Tony's enthusiasms is French Fifties furniture and, with Henry, he's created a great new showcase (see October 14 *New York Magazine*) for the style.

That's me sitting at a Jean Prouve library table.

"If you haven't seen *West Broadway* yet (the food is good), here's a photo of the interior. All the dining room chairs, the barstools and some of the tables were designed by Prouve, an engineer, architect, industrial designer and pioneer in curtain wall design. The black steel chandeliers, almost mobiles, are original fixtures designed by silversmith and sculptor Serge



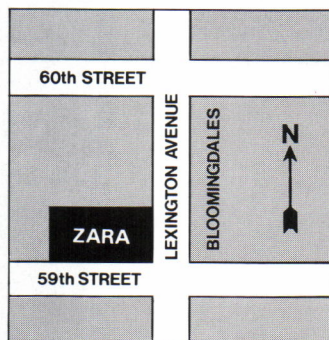
Mouille. The hewn walnut irregular bartop in the front room is an original by sculptor/wood craftsman George Nakashima. The wall panels behind me, with their images of musical instruments, are by Pierre Bobot, and originally hung in Roseland Ballroom.

"We covered the floors of the high-traffic bistro areas and the stairs to the dining balcony with Vermont Unfading mottled green and purple slate, hand-split of course, with a natural cleft surface. We used tiny modules for those small spaces, and the result, I think, is the perfect subtle ground for *West Broadway's* design dramatics.

Next time you're in Bloomingdales, take a walk across the street.

"There's a marvelous "fast fashion" (they change inventory every ten days) store called *Zara* at 59th and Lexington. We covered the window display areas and the countertop surface of the cash/wrap desk with Norwegian Black Lace Slate. I love to watch people rub their fingers over the slate and cock their heads to catch the changing reflections in the countertop. It's another job we're proud of, and we're looking for more, maybe your job. If you're considering slate for a quality custom project, don't worry about budget until you've talked to me, even if you're still just in the talking stage. Just call me at 1-800-343-1900."

Bill Markcrow



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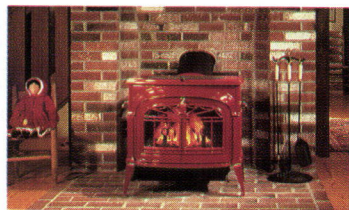
New Products



327. Woodburning insert. The Country Comfort uses a secondary-combustion, catalytic assist said to burn wood cleaner longer. Features include curved glass doors, porcelain finish (Dove Gray is shown), and thermostatically controlled blower. Orrville Products, Orrville, Ohio.



328. Stone stove. The Sterling gas heater has a large fire-viewing window as well as stone and cast-iron construction that modulates on/off cycling, producing efficient, steady heat. Comes in polished soapstone and tamarack or boiadero serpentine and four enamel colors. HearthStone, Morrisville, Vt.



329. Clean heat. The Defiant Encore emits less than half the level of particulates permitted by EPA standards, while producing enough heat for 1,900 sq ft of space. It has a built-in top griddle for cooking. Vermont Castings, Inc., Randolph, Vt.

continued from page 159

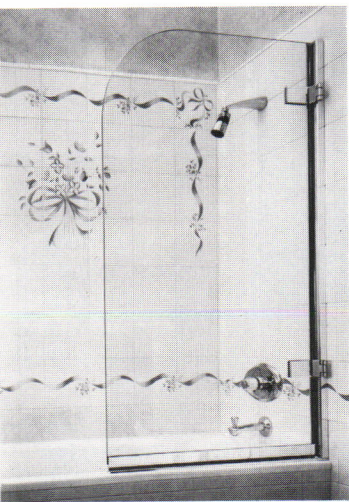


330. Dual fuel. The Sequoia is EPA-certified to burn both wood and coal. A contemporary-style stove, it's shown here with optional pedestal stand and brass trim. Burns at 77 percent efficiency. Consolidated Dutchwest, Randolph, Vt.



331. Euro-style. A new stove from Austria, the design-award-winning Arte has a sleek, barrel shape covered with custom-color Italian ceramic tiles. These hand-dipped tiles, made of rare argillaceous earth, retain and radiate warmth from the wood-burning fire. The stove is said to burn cleanly, emit practically no particulates, and to be easy to operate and maintain. Austroflam USA, Inc., Hayward, Calif.

For more information, circle item numbers on Reader Service Cards.



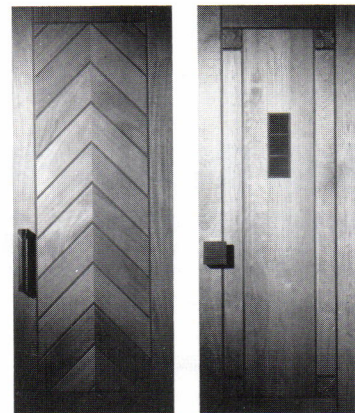
332. Bath screen. A style often used in Europe, Majestic's all-glass shower screen is designed in England and made in the U. S., part of a new line of bath accessories and enclosures. This screen is a single sheet of 3/8-in.-thick tempered safety glass which swings on brass hinges to fit snugly against the waterproof tub rim. The Majestic Shower Co., San Francisco.



334. Rain-dispersion system
With an appearance much less obtrusive than standard rain gutters and leaders, the Rainhandler hangs just below the roof edge to break up sheets of roof rain into smaller, softer droplets and guide them away from the foundation. The louvered disperser is made of aluminum, and is said not to clog with leaves or form ice dams. A demonstration video-tape is available free to architects. Savetime Corp., Bridgeport, Conn.



333. Gothic window. A new line, Radius Revival double-hung and casement windows and French-style doors replicates the arched effect of 19th-century designs. The units are custom-made of Western wood with primed exteriors and natural-finish interiors. Glazing options include historically correct insulated divided lights. Vetter, Wausau, Wis.



335. Customized entrance.
Each Moderne door can be ordered with a unique mix of linear or square elements, hardwoods, and accents like stainless-steel corner squares and matching doorpulls. Shown above are Chevron and Mitered Plank door styles, with recessed wood accents in custom-finished koa, rosewood, and ebonized hardwood. Forms + Surfaces, Santa Barbara, Calif.

continued on page 164

The Weatherend Story.



Tell your own story.

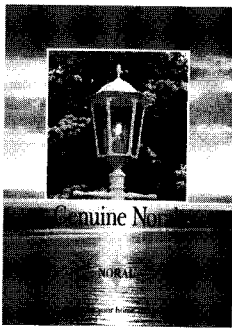
Imagine a time
long ago and a place
not so far away
an estate in Maine
called Weatherend.
This place had gardens
with furniture
tables benches chairs
whose sinuous curves
mirrored the lines
of the sea. That was
long ago but listen

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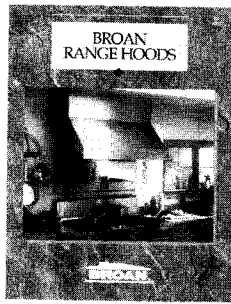
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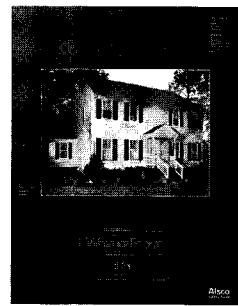
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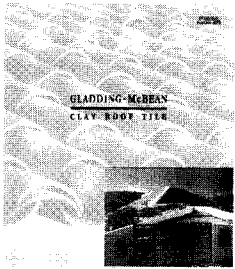
Outdoor lighting
Lanterns with opalescent, shatterproof lenses in polycarbonate are featured in this brochure. Lanterns can be equipped with either low-energy compact fluorescent tubes or incandescent bulbs. Noral Lighting, Inc. **200**



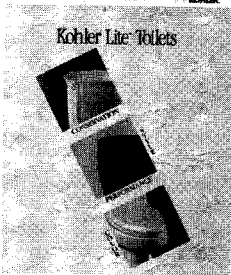
Range hoods
This 16-page brochure shows the latest in kitchen range hoods. Downdraft ventilation, Euro-Style design, electronic controls, and infinite speeds are some of the features offered. Broan Manufacturing Co. **201**



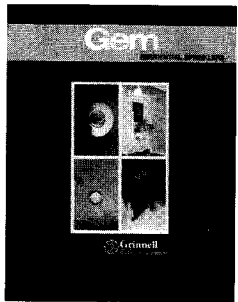
Exterior cladding
Maintenance-free architectural cladding made with a PVF protective film is said to resist powerful acids and solvents, as well as years of sunlight, subzero cold, and corrosive salt spray. Also Building Products. **202**



Roof tiles
Clay roof tiles that are fireproof and frostproof are available in a variety of shapes, sizes, and colors. The low-maintenance material can be glazed or customized as well. Gladding, McBean. **203**

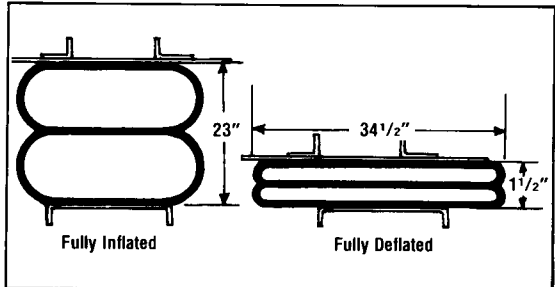
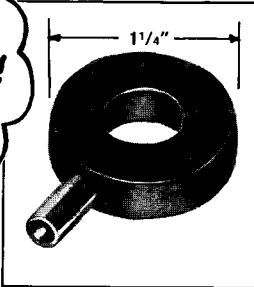
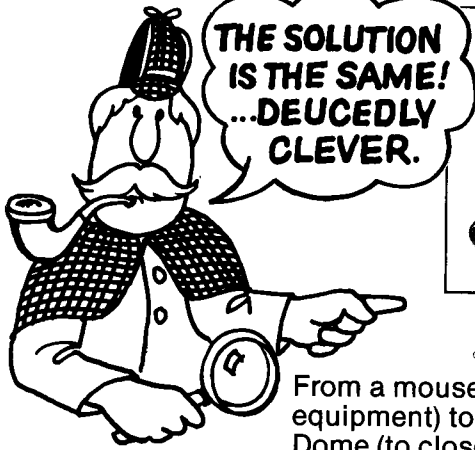


Efficient toilets
Toilets with a new flushometer operating system use only 1.5 gallons of water per flush, while providing high-performance waste removal, minimal tank condensation, side-trip levers, and a variety of styles. Kohler Co. **204**

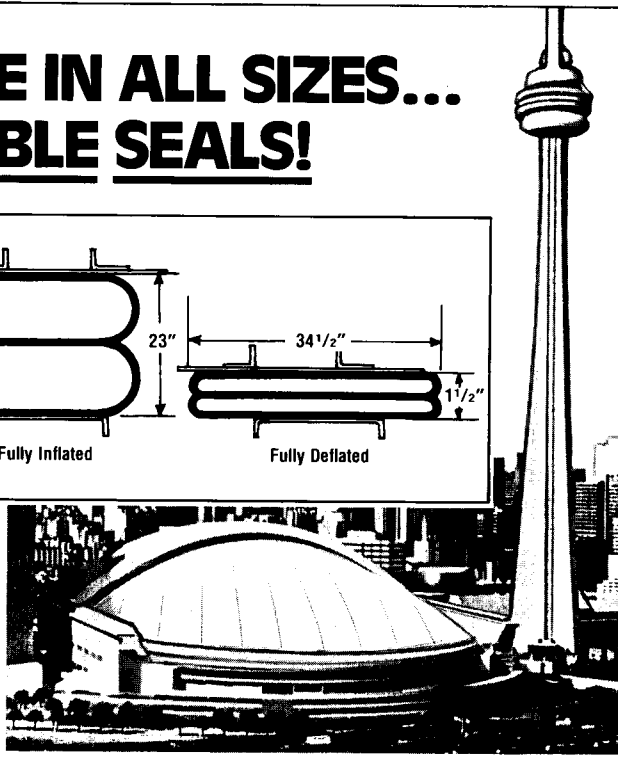


Fire suppression
Gem catalog highlights a line of fire-protection devices specifically for residential applications. Products include unobtrusive flush-mount heads and rapid-response sprinklers. Grinnell Corp. **205**

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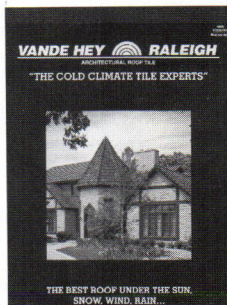
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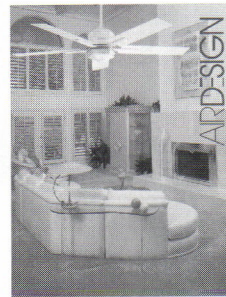
Wood gazebos

Machine-milled, hand-finished cedar gazebos come in a variety of styles, from Colonial to Victorian. Structures are prefabricated and can be assembled without any impact tools. Vixen Hill Manufacturing Co. **206**



Roof tiles

Concrete roof tiles, available in 20 standard colors and five styles, withstand wind-driven rain, absorb little moisture, and resist termites, rodents, and rot. Also available in custom colors. Vande Hey Raleigh. **207**

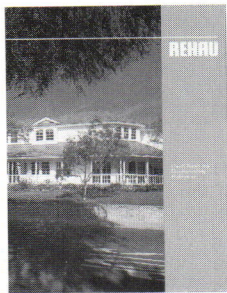


Ceiling fans

This brochure describes a full line of non-nostalgia, energy-efficient, wobble-free ceiling fans. Electrostatically applied powder-coat paint, accessory fan blades, and integrated lights are available. Emerson Electric Co. **208**

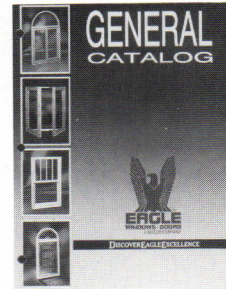
Foam board

A new rigid foam insulation board is made with at least 50 percent recycled polystyrene resin. The product is part of a line of foam boards appropriate for foundation, wall, and roofing applications. Amoco Foam Products Co. **209**



Vinyl doors

Solid-vinyl French and atrium doors with tilt-turn profiles and European styling offer new possibilities for architects specifying products in residential, commercial, and institutional projects. Rehau Inc. **210**



Windows/doors

An architectural catalog presents windows and doors with photos, details, and diagrams. Explains the Modern Divided Light option, with exterior muntins of aluminum and interior of pine. Eagle Window & Door, Inc. **211** ■

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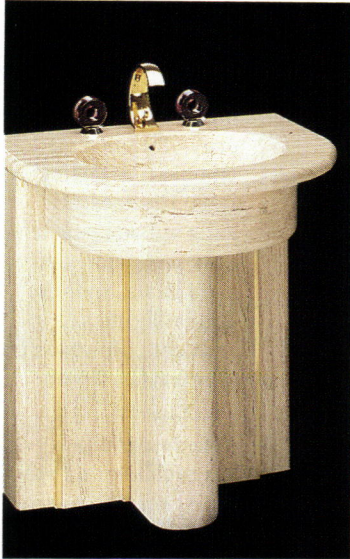
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New Products

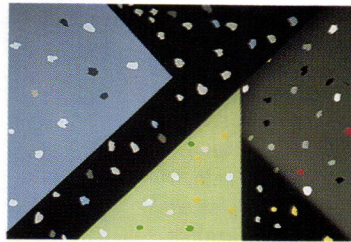
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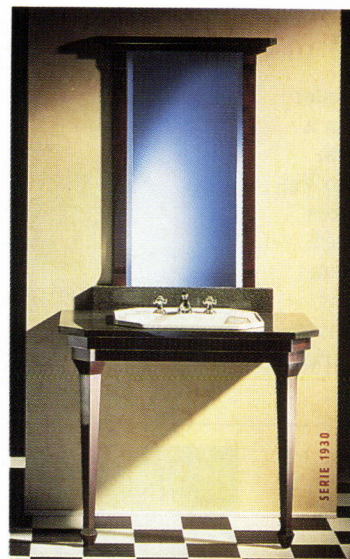
336. Luxurious. Travertine pedestal basin has removable side pieces to cover plumbing connections. Accent stripes can match faucets. Bates and Bates, Lakewood, Calif.

337. Spatters. Spotfloor rubber flooring has paint-like dots splashed against black or contrasting-color grounds. Pirelli, Teaneck, N. J.



338. Marble veined. Precious Stones ceramic-granite tiles mimic the three-dimensional, irregular patterns of natural marble in an extremely durable, stain-resistant floor product. GranitiFiandre, Bensenville, Ill.

339. Deco. Serie 1930 is Duravit's line of vanities, storage cabinets,



wash stands, and mirrors with a feel of the Weimar era. Washstand shown has legs of mahogany-stained maple, black-granite top and backsplash, and white china basin. Santile International Corp., Houston.

340. Balanced. Geometric and elegant, the Olimpia lavatory sets a glass bowl on a glass slab supported



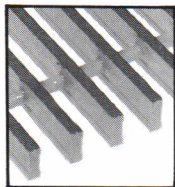
by a copper leg. Hastings Tile & Il Bagno Collection, Freeport, N. Y.

341. Accessible. The Precedence bath/whirlpool has a water-tight side door that swings open to make getting into (and out of) the tub much easier. Tub has a folding seat. Kohler, Kohler, Wis.

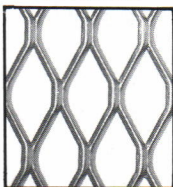
Continued on page 173

Safety Gratings!

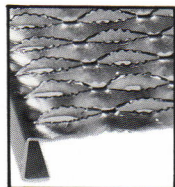
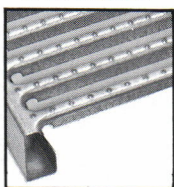
FIBERGLASS



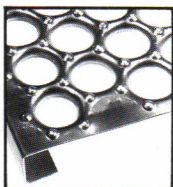
EXPANDED



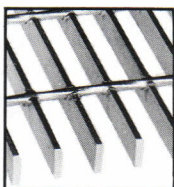
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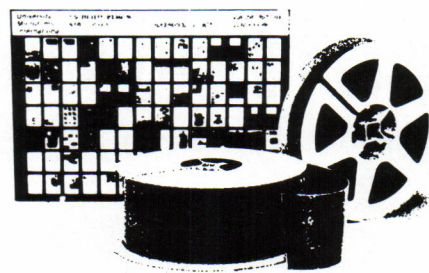


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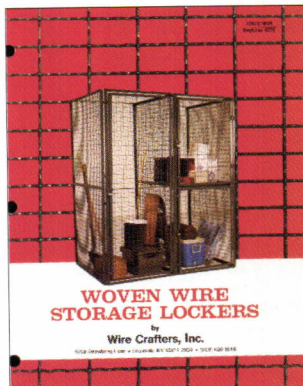
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Institution _____
Street _____
City _____
State _____ Zip _____

Circle 63 on inquiry card

Product Literature Showcase

Here are some building products, catalogs, brochures, and technical literature available in the architectural market today. To receive your copy of any of them, circle the corresponding number on the Reader Service Cards bound to the back of this issue.

WOVEN WIRE STORAGE LOCKERS

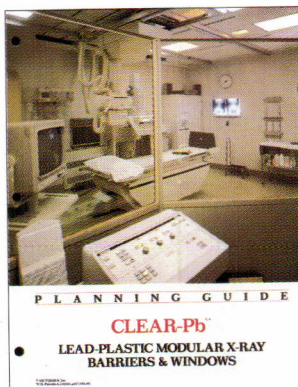


Woven Wire Storage Lockers from Wire Crafters are the heaviest lockers available for multi family building storage areas. Choose from single or double tier styles. A variety of standard sizes, and custom units are available. Specify the best for building owners and residents. Choose Wire Crafters for your next storage area project.

Wire Crafters

Circle 64 on the inquiry card.

FREE X-Ray Room Planning Guide

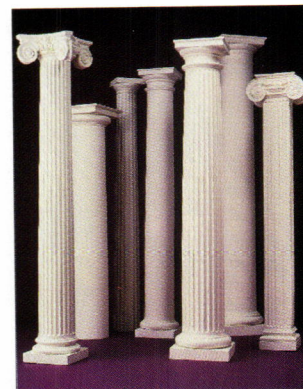


New guide illustrates userdesigned installations of CLEAR-Pb Lead-Plastic Modular Barriers and Windows in hospitals, radiation therapy centers. CLEAR-Pb is a transparent, lead-impregnated plastic sheet in lead equivalencies from 0.3 to 2.0 mm, over 200 stock sizes up to 6 x 8 ft. (larger on special order.) Nuclear Associates.

Nuclear Associates

Circle 65 on the inquiry card

CHADSWORTH COLUMNS



Classic Authentic Replication wooden columns and pedestals, Architectural Stock, Art Deco, Contemporary and custom designs available in pine, redwood and other wood species. Shipped factory direct to job site. Chadsworth - The number one column company in America. Free flier. Catalog requests (800) 394-5177. Sales orders (800) 486-2118. Other inquiries (404) 876-5410.

Chadsworth Incorporated

Circle 66 on the inquiry card.

New 88-Page TimberForm Site Furnishings Catalog

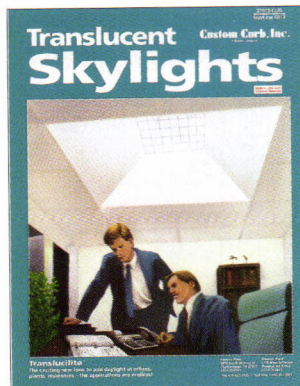


More than 350 products made of cast iron, perforated metal, steel, welded wire & wood are offered in a dozen different design series in styles from traditional to contemporary. Ash receptacles, benches, bike racks, bollards, litter containers, picnic & game tables are presented in design coordinated families. Over 170 designer colors available. Photos, technical data & product dimensions are shown. Call 1-800-547-1940 (ext. 502).

Columbia Cascade Co.

Circle 67 on the inquiry card.

Translucilite Skylights to Fit Your Exact Needs

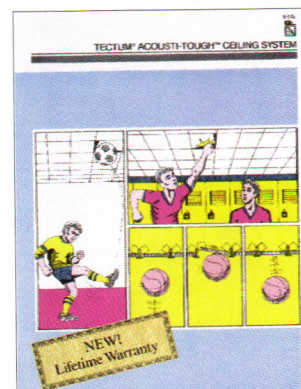


Add daylight in offices, plants, residences--the applications are endless. Ideal for conventional, built-up, shingle roofs or pre-engineered metal buildings. The translucilite skylight/ integral curb unit is low profile, self-sealing, self-flashing & available in any dimension within 5' wide and 22' long to fit the exact structural opening or interior size requirement for new construction or retrofit. Colorful, fact-filled new brochure. 1-800-251-3001

Custom Curb, Inc.

Circle 68 on the inquiry card.

Lifetime Warranty On Tectum Ceiling System



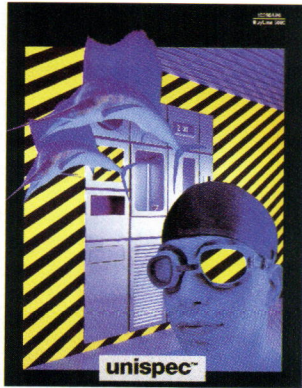
The Tectum Inc. Acousti-Tough™ ceiling system now carries a lifetime limited warranty against panel breakage. Featuring the well known Tectum abuse resistant acoustical panels and a special clip that repositions panels if they are pushed up from the grid, the system has been proven in school applications where replacement is a major cost item.

Tectum

Circle 69 on the inquiry card.

Product Literature Showcase

Limited Only By Your Imagination



The possible configurations of modules, materials, colors and finishes are limited only by what you envision.

We do the rest!

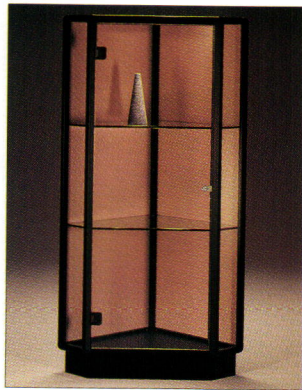
These Modular Wall Systems can be integrated with other manufacturer's components.

There's no need to come up against a wall selecting a Modular Wall Unit for your next project.

Unispec

Circle 70 on the inquiry card.

Display Your Good Taste



Elegant Enclosures are available in Freestanding, Counter and Wall Mounted models. Designed to make your 'goods' look good, while they enhance the environment around them. Showcase frames are finished in Natural anodized aluminum, Duranodic bronze or 27 colors. Tempered safety glass and locking doors are standard. Optional lighting systems are available.

Peter Pepper Products, Inc

Circle 71 on the inquiry card.

Mats and Matting Brochure



Contains helpful illustrations and specifications on fire safety and other rubber floor and stair tread systems featuring many different marbleized or plain raised and surface designs in all decorator colors. Included are rubber landing and riser materials, vinyl treads and risers, fluff cord and traffic tiles along with recommended adhesives. Musson Rubber Co., P.O. Box 7038, Akron, OH 44306.

Musson Rubber

Circle 72 on the inquiry card.

National Evaluation Report Issued

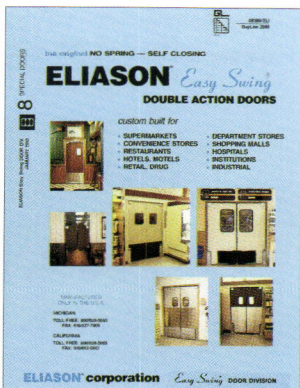


PYRO-GUARD third generation interior fire retardant treated lumber and plywood is thoroughly strength-tested after exposure to high temperatures. It will maintain strength in recommended applications including plywood roof sheathing and roof trusses. Like all such reports, the NER on PYRO-Guard is subject to re-examination, revisions, and possible closing. Hoover Treated Wood Products, Inc.

Hoover Treated Wood

Circle 73 on the inquiry card.

Self Closing Double Action Doors



Eliason Corporation manufactures custom built Easy Swing double action interior doors for light, medium or heavy traffic doorways. They can also be specified with exotic decorative finishes for very posh areas. A complete price spec catalog illustrated in four color which contains complete specifications, usage & application data will be sent to all Architects & Spec writers. Doors can be specified & purchased direct.

Eliason Corporation

Circle 74 on the inquiry card.

Impact Protection Systems: Wall & Corner Guards



Full-color catalog features wall/corner guards, handrail & cove base systems, wallcoverings & door protection to reduce impact damage in office & commercial buildings, hospitals, & healthcare facilities. Many styles & colors available. Pawling's Pro-Tek® products are designed to work as a coordinated system, in matching or contrasting colors for a unified, finished look, or to identify areas or traffic patterns. For more info: 157 Charles Colman Blvd., Pawling, NY 12564, 800-431-3456, (NY) 800-942-2424.

Pawling Corporation

Circle 75 on the inquiry card.

Stunning Bronze, Brass & Pewter Entry Systems



Lustr-Metl® real polished metal doors for up-scale Homes, Churches, Temples or Fire-rated entrances. Over 50 models; many with eye-opening insulated glass panels with distinguished designs with bevels and brass came.

Large doors a specialty.

Exclusive and Truly Stunning

Kaylien, Inc.

Circle 76 on the inquiry card.

Aluma-Glaze Corporation



Aluma-Glaze Corporation
1601 S.W. 71st Terrace
Hollywood, Florida 33023

Custom Manufacturer Or:

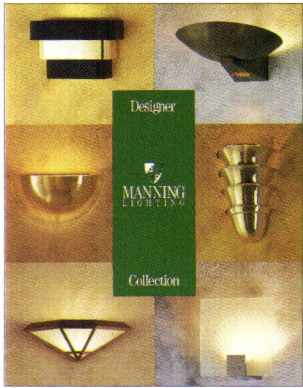
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FAX (305) 961-5363
See Sweet's Catalog 13149/ALU

Aluma Glaze

Circle 77 on the inquiry card.

Manning Lighting Fixture Designer Collection

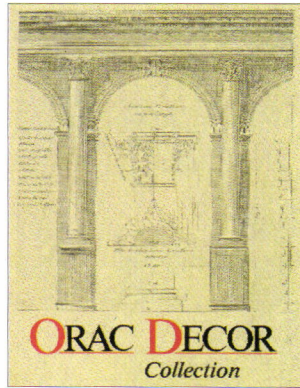


R.A. Manning Co. offers a line of standard fixtures for commercial & institutional use. The "Designer Collection" includes a variety of designs in contemporary wall sconces & pendant fixtures. This new line offers designers, architects & specifiers a variety of sizes, materials, colors & lamping possibilities. Manning has been a leading manufacturer of high quality custom lighting for churches, schools & public buildings. R.A. Manning Co., Sheboygan, WI 53081-1063, 414-458-2184, Fax 414-458-2491.

R.A. Manning Co.

Circle 78 on the inquiry card.

Outwater Plastics



Presents the Orac Decor Collection produced of high density polyurethane. Extremely durable, easy to work with, light-weight, simple to install. Architectural products such as cornice mouldings, panel mouldings, chair rail, wall lighting, ceiling medallions, niches, corbels, pilasters and columns. Excellent for new exterior/interior designs, commercial and residential. Free catalog available. Outwater Plastics, 4 Passaic St, Wood-Ridge, NJ 07075. 800-631-8375.

Outwater Plastics

Circle 79 on the inquiry card.

Sanitary, Waterproof Cubicle/Locker Systems

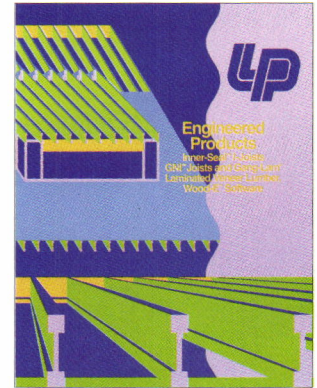


Only KEMMLIT has melamine clear coat over melamine covered solid core panels; colorful HEWI nylon fittings; rounded edges; long-term no rust/warp/rot guarantee; matching walls, doors, changing tables - all designed for sanitary, wet and harsh environments, indoors and out. Total systems for hospitals, schools, swimming pools, health clubs.

W&W Sales, Ltd.

Circle 80 on the inquiry card.

Engineered Products

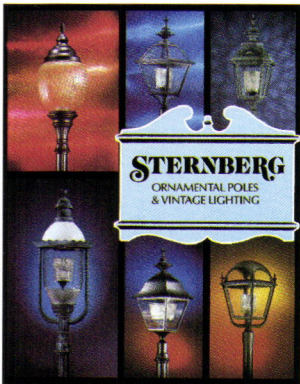


Louisiana-Pacific's engineered wood products are designed to eliminate the common problems of solid sawn lumber. Gang-Lam LVL, Inner Seal I-Joists and GNI Joists are stronger, more stable and easier to handle. Catalog includes span and uniform load charts, and information on the Wood-E engineering software package.

Louisiana-Pacific

Circle 81 on the inquiry card.

Ornamental Poles and Vintage Lighting Fixtures

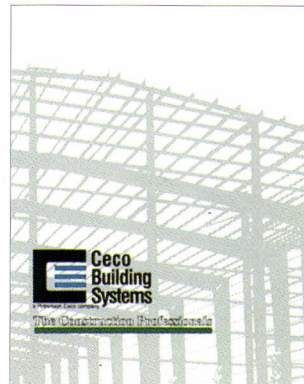


Historical elegance with unequaled performance. Ornamental lampposts, fixtures and bollards of heavy duty cast aluminum, welded for single unit construction and durability. Minimum maintenance, vandal resistant. Illustrated 48-page catalog with prices. Photos show nationwide installations including photos of malls, retail stores and downtown shopping districts.

Sternberg Lanterns

Circle 82 on the inquiry card.

THE CONSTRUCTION PROFESSIONALS



This new 16-page brochure is an overview of the capabilities of Ceco Building Systems in pre-engineered metal building construction. The Construction Professionals includes dramatic photography of completed projects, plus technical data including Frame Systems, Tilt-Wall Construction, Multi-Story Construction, Covering Systems, Roofs, Architectural Treatments, Retrofit, Accessories and Mini-Warehouses.

Ceco Building Systems

Circle 83 on the inquiry card.

New Roofing Manual For Architects

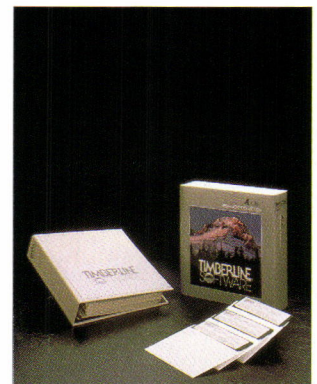


Roofing manufacturer U.S. Intec's new specification manual uses a Construction Specification Institute format to outline application procedures for its line of modified bitumen roofing products -- including Brai APP and SBS membranes and MWeld prefabricated and pre-flashed roofing accessories. U.S. Intec is a leading manufacturer of modified bitumen and built-up roofing products and accessories. For more info call 1-800-62-INTEC.

U.S. Intec

Circle 84 on the inquiry card.

AEasy Plus



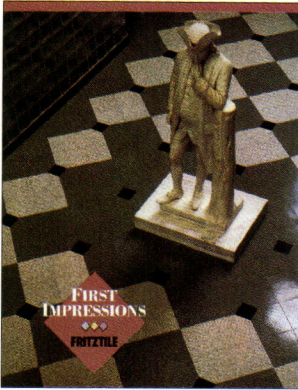
AEasy Plus, new project management software designed specifically for architects and engineers, includes full departmentalization eliminating guesswork about which departments are most profitable. It also lets you void invoices any time, even months later, and get a new invoice out the same day. Disputed amounts won't tie up your cash flow.

Timberline Software

Circle 85 on the inquiry card.

Product Literature Showcase

First Impressions



The 1992 Fritztile catalog uses a combination of style, brilliant color & useful information to leave the reader with a positive first impression. This piece features pictures of the individual Fritztile lines and installations where they've been best used to help the architect achieve his vision. For specifiers, the catalog features extensive technical info. For quality and style, it's Fritztile. P.O. Drawer 17040, Dallas, TX 75217. (800) 955-1323. FAX 214-270-0179.

Fritztile

Circle 86 on the inquiry card.

Reynobond®FR Aluminum Composite Panels



Reynobond®FR Aluminum Composite Panels were utilized as spandrel panels, fascia, soffit, column covers & truss beam wrap on the M.I.T. Lincoln Laboratory Facility. Reynobond®FR is the only solid thermoplastic core composite panel whose core material is categorically inert, non-toxic & fire resistant. Case history available with supporting data. Reynolds Metals Co., P.O. Box 27003, Richmond, VA 23261. 804-281-3629.

Reynolds Metals Co.

Circle 87 on the inquiry card.

Hat & Coat Hooks, Racks and Coat Trees

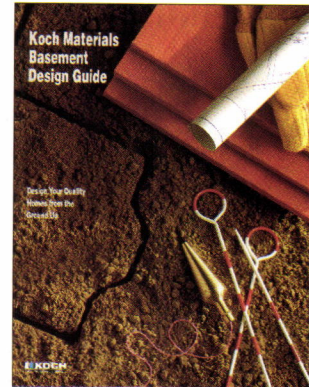


Hat & Coat Hooks, Racks, Umbrella Stands and Coat Trees are offered in a variety of hook and hanger combinations. Select from over 200 of the highest quality hook styles finished in elegantly polished metals, anodized colors or warm rich woods. Multiple hooks mounted on wood or acrylic bars are available.

Peter Pepper Products, Inc.

Circle 88 on the inquiry card.

Discover The Value In Basements



The Basement Design Guide from Koch Materials Company can help you discover new ideas in designing warm, dry, comfortable living spaces in below grade areas. This 20-page brochure highlights construction techniques and design considerations that help make the basement a value to you and your buyers. Includes information on a 10-year limited warranty against exterior foundation leaks.

Koch

Circle 89 on the inquiry card.

Westchester Marble And Granite

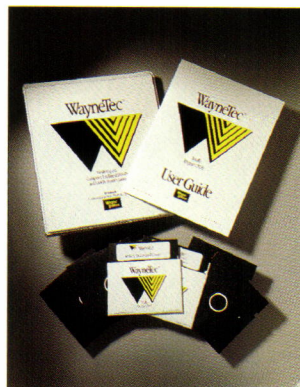


WMG offers the widest selection of French limestones, in addition to a complete line of exotic marbles, granites, and other natural stones. All stone tiles are available in coordinating slabs for countertops, fireplaces, and other custom pieces. Complete brochure upon request. 31 Warren Place, Mount Vernon, New York 10550. Call (914) 667-1600 or Fax (914) 667-6244.

Westchester Marble

Circle 90 on the inquiry card.

Specifying upward acting doors made simple



WayneTec™, a computer-intelligent details and specification software package, eliminates the tedious process of specifying commercial/industrial upward-acting doors, and may be used effectively by specifiers with minimal experience. The WayneTec system will also provide product-specific AutoCADD® drawings and CSI-formatted specs.

Wayne-Dalton Corp.

Circle 91 on the inquiry card.

Xerox 2515 Engineering Copier

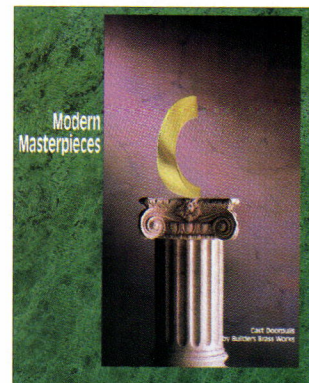


The Xerox 2515 is Xerox's newest engineering copier that builds on the field-proven technology of the Xerox 2510 to enhance reliability, performance & equipment operability. With the Xerox 2515, you get in-house copying convenience at an affordable price. The Xerox 2515 copier prints drawings up to 36" x 20' long so you can make copies of large documents on demand without sending them out for reproduction.

Xerox

Circle 92 on the inquiry card.

Cast Doorpulls by Builders Brass Works

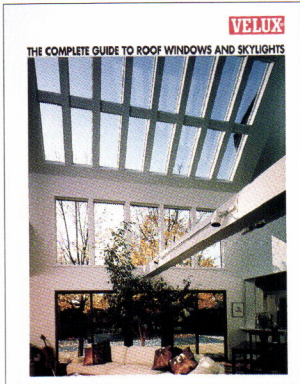


When only the rare and wonderful will do, choose from our exquisite and flawless collection in solid brass, bronze and aluminum...or let us handcraft whatever you can imagine. Call (800) 533-6229. In Los Angeles: (213) 629-8111. Or fax your design: (800) 888-6855.

Builders Brass Works

Circle 93 on the inquiry card.

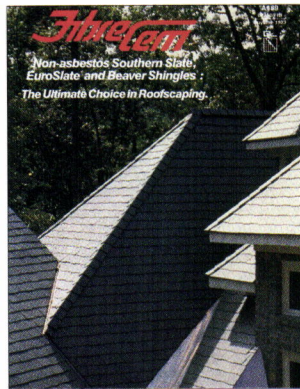
VELUX Roof Windows and Skylights



New 1992 full-color brochure features helpful information and designs for the complete line of Velux Roof Windows, Skylights, Sunscreening Accessories and Controls. New 1992 products include the Round Top Accent Roof Window and hand-held Infrared Remote Controls for opening out-of-reach skylights, roof windows and venetian blinds. Pricing and dealer list included.

Velux-America Inc.
Circle 94 on the inquiry card.

Slate-Simulated FibreCem Roof Slates



Four-color brochure describes features of non-asbestos fiber cement simulated slate roof slates in creating elegant & appealing rooflines. Four slate products available. Slate characteristics, general uses & applications (including freeze-thaw) & various Roofscaping™ designs are among features detailed. Color chart on 16 new optional colors also included. 50-year limited transferable warranty. Call 1-800-346-6147 or Fax 704-588-2096.

FibreCem Corporation
Circle 95 on the inquiry card.

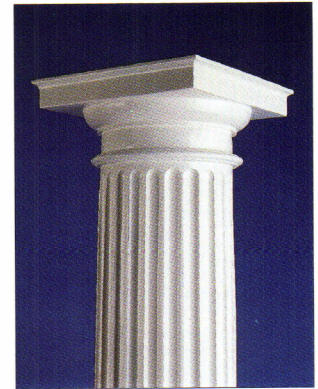
Adjustable Fixture Co.



New custom-designed table lamp for lounge & day rooms. Nightingale Brass 'n Color series features a choice of 7 standard colors or 1500 custom Benjamin Moore finishes. Indestructible, flame retardant Fiber Last shade, anti-theft Perma-Mount base & Safety Guard to prevent access & removal of bulbs are options available. Heavy-duty construction, 5 yr. warranty, UL & CSA listed. Free 30 day trial offer. 800-558-2628 or fax 414-964-2944 for info.

Adjustable Fixture Co.
Circle 96 on the inquiry card.

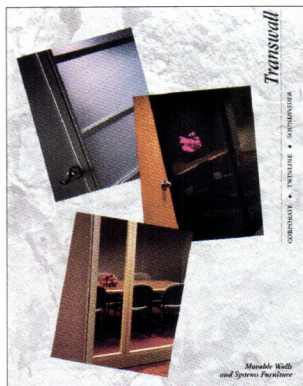
Worthington Group



Introducing the Classical Tuscan Column, based on designs of Vitruvius and Vignolo; and crafted in pine. Our large volume allows us to offer these authentic replications of classical designs at a price far more reasonable than other companies. Worthington also offers fiberglass balustrading, plaster moulding and much more. Shipped factory direct. 44 page color catalog. Call (800) 872-1608.

Worthington Group
Circle 97 on the inquiry card.

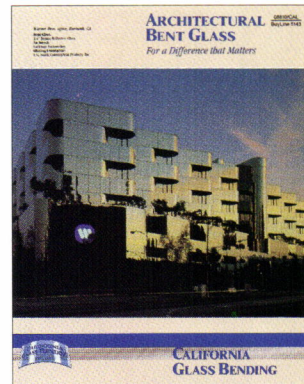
Open & Private Offices A Single Source



Transwall combines these two basic wall requirements for today's high tech office with its Sounddivider open plan system and the full height Corporate series. The two systems offer complete interchangeability of wall mount components, as well as compatibility in design and appearance. Modular furniture blends with panel mounted work surfaces. Electrical and electronic support is system integrated.

Transwall Corp.
Circle 98 on the inquiry card.

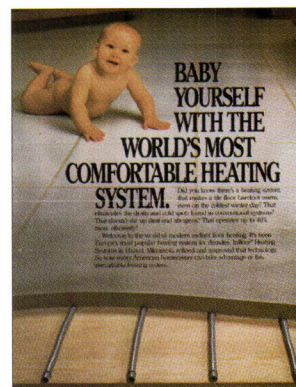
Architectural Bent Glass by California Glass Bending



Color brochure describes Architectural Bent Glass. 10 bent glass applications are shown as well as interior/exterior uses. Applications include curtain wall & spandrel, corners & transition areas, stair-rail balustrades & landings, revolving doors & canopies. Company bends float glass (up to 1"), Laminated safety, Thermal insulated, Spandrel, Heat-resistant, Wire, Patterned & Cathedral, & Custom Laminated. Contact Kelly Green, 320 E. "B" St., Wilmington, CA 90744. 800-223-6594 or FAX 310-549-5398.

California Glass Bending
Circle 99 on the inquiry card.

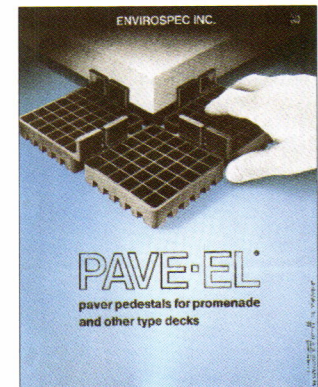
Infloor® Radiant Floor Heating Systems



Bring barefoot warmth to your customers' homes. Specify Infloor—the only heating system that assures comfort with zoned heat control, individual room thermostats, a computerized design program and Therma-Floor®—the thermal mass designed to maximize energy efficiency. Ultimate efficiency, ultimate comfort—only from Infloor. For free Specifications Guide call 1-800-356-7887, or FAX 1-612-478-2431.

Infloor® by Gyp-Crete Corp.
Circle 100 on the inquiry card.

A Practical Solution to Roof Paver Stone Applications

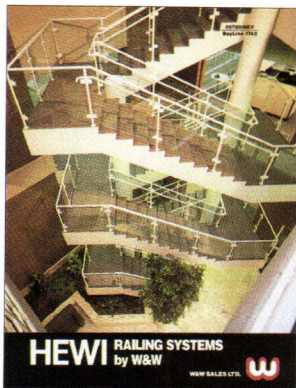


New bulletin shows a better way to transform a roof into a patio, terrace, balcony, walkway, plaza podium, promenade, or just plain roof deck, using the Pave-El Pedestal System. Designed to elevate, level, and space paver stones for drainage in any weather, Pave-El reliably protects roof, paver stone, membrane and insulation. Ellicott Station Box 119, Buffalo, NY 14205. 416-252-2090.

Envirospec
Circle 101 on the inquiry card.

Product Literature Showcase

Colorful Nylon Railings from HEWI by W&W

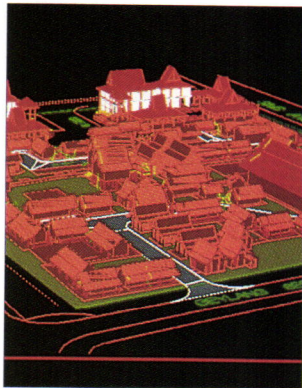


Stylish, strong railing systems can be custom designed from durable components in 13 vibrant colors. Virtually unbreakable solid-core nylon, colored throughout, is decorative, safe, hygienic, easy-care, pleasant-to-the-touch, resistant to chemicals and dirt-repellent. Ideal for all heavy traffic areas.

W&W Glass Products, Ltd.

Circle 102 on the inquiry card.

FastCAD® 3D-Includes DXF and RenderMan



FastCAD 3D can take you from plan to presentation in a single package. Selecting, drawing and editing entities have never been faster or easier. Why not optimize your design environment with FastCAD 3D's eight interactive windows, icons, and pull-down menus? Viewing three-dimensional objects is a snap from any position in hidden line, surface and animation modes.

Evolution Computing

Circle 103 on the inquiry card.

Traditional Metal Ornament



The artisans at Historical Arts and Casting specialize in the restoration and replication of traditional cast metal ornamentation. Our skilled craftsman work with a variety of material including bronze, aluminum, and iron. Please write or call for more product and service information: 4130 W. 1939 S. Unit F, Salt Lake City, UT 84104. (801) 974-0242.

Historical Arts & Casting, Inc.

Circle 104 on the inquiry card.

ADA Compliance Signage



INNERFACE makes it easier for you to meet the new Americans With Disabilities Act (ADA) signage standards. INNERFACE offers (1) A variety of compliance signage, (2) National distribution, (3) Solid 21 year history and (4) Economical, attractive, and highly functional interior and exterior signage. For free literature call (800) 445-4796.

INNERFACE

Circle 105 on the inquiry card.

Vulcraft Steel Joists, Joist Girders & Steel Deck

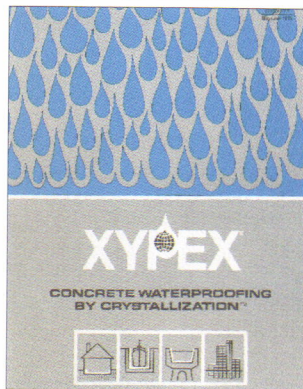


Colorful new 22-page brochure from Vulcraft, the largest producer of steel joists in the country. Brochure details the advantages of steel joists and joist girders. It also presents interesting case histories from across the country that document the use of Vulcraft joists, joist girders and steel deck in a wide range of buildings.

Vulcraft

Circle 106 on the inquiry card.

Concrete Waterproofing by Crystallization

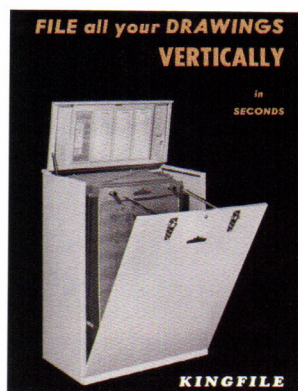


Applied as a slurry coating, Xypex is a chemical treatment that waterproofs by penetrating the concrete with a crystalline formation that 'plugs' the pores of the structure preventing water seepage. Xypex is ideal for use on the 'inside' of wet underground structures.

Xypex Chemical Co.

Circle 107 on the inquiry card.

Vertical Plan File



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H. Schreiber Company

Circle 108 on the inquiry card.

Oak-Over Solves Twisting And Cracking

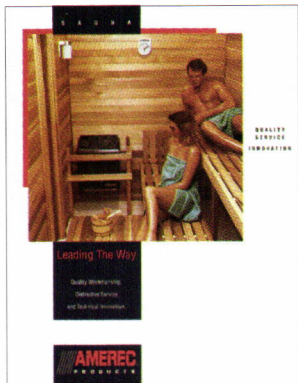


Oak-Over is red oak veneered jamb and moulding line laminated over a softwood substrate. This eliminates twisting and cracking yielding an installed cost that is easily 25% below solid oak. Oak-Over is a complete line of rich looking profiles that can be combined to achieve that elegant millwork appearance. Call Contact Lumber Co. 800-547-1038 for information.

Contact Lumber Company

Circle 109 on the inquiry card.

**Amerec Sauna & Steam
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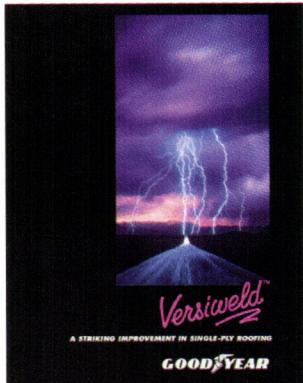


Amerec pre-cut and modular sauna kits can be customized to fit virtually any size room. All Amerec sauna rooms utilize grade A, kiln-dried Western Red Cedar for lasting beauty with proven durability and performance. Amerec products are manufactured with pride in the U.S.A. Please call 1-800-331-0349 to request an architect's specification kit.

Amerec

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**Versiweld™ Single Ply Roofing
Capabilities Brochure**



Goodyear's Versiweld roofing systems are composed of a heat-weldable EP rubber membrane. Available in white for mechanically attached applications, or black for ballasted, Versiweld installs easily and offers superior resistance to tears, punctures and moisture. Warranted for up to 15 years, Versiweld is perfect for both new and retrofit applications. Catalogs or product info, 1-800-992-7663. In OH 1-800-231-5867.

Goodyear Tire & Rubber Co.

Circle 111 on the inquiry card.

**Parex introduces
Insul/Crete Gold System**

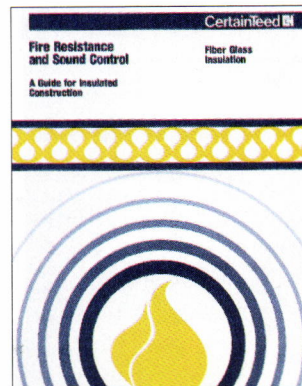


Parex introduces Insul/Crete Gold System, consisting of Extruded Insulation Board, Fiberglass Reinforcing Mesh, Mechanical Fasteners, Cementitious Base Coat & a choice of Finishes. I/C Gold is the first EIF system to combine design flexibility & simplicity of jointless polymer based systems with the benefits of mechanically attached extruded polystyrene insulation board. The I/C Gold system is ideally suited for renovation & new construction.

Parex, Inc.

Circle 112 on the inquiry card.

**Sound Control and Fire
Resistance Brochure**

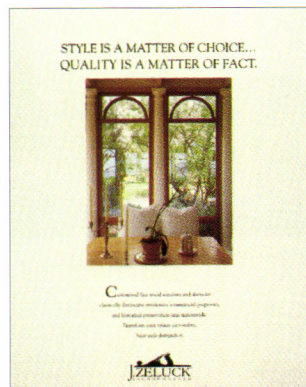


New 12-page brochure offers architects data on the sound control and fire resistance properties of fiber glass insulation. Explains terminology, details existing codes and states standard measurement procedures. Also contains detailed drawings of more common wall assemblies for buildings.

Certainteed

Circle 113 on the inquiry card.

**Style is a matter of choice,
Quality is a matter of fact.**

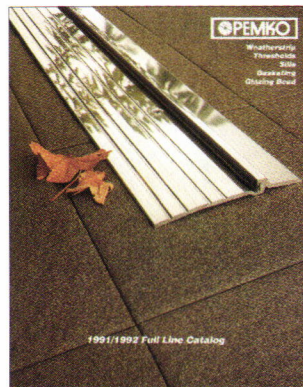


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Zeluck

Circle 114 on the inquiry card.

**WEATHERSTRIP/THRESHOLDS
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Pemko's (91/92) full-line catalog includes thresholds, sills, door bottoms, gasketing, astragals, coiled weatherstrip, & more. Pemko has introduced over 50 new products including non-handed reversible automatic door bottoms, adjustable thresholds, & a line of locking spring bolt astragals. Also added--2 popular new finishes: painted white aluminum & bright dip gold anodized aluminum. Pemko: 800-283-9988, Fax: 800-283-4050.

Pemko Manufacturing Co.

Circle 115 on the inquiry card.

**RUEGG...For the World's
Best Fireplaces**

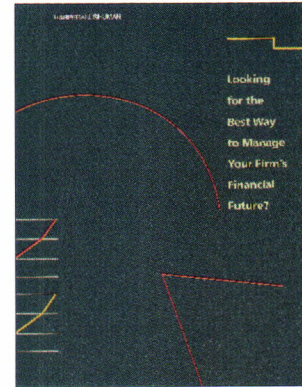


Deluxe Prisma or new Prismette. Swiss-built, energy efficient and heat circulating, these zero-clearance fireplaces with sliding, one piece glass doors offer homeowners the opportunity to return 38,000-55,000 Btu's/hr of clean refreshed air into up to three rooms. Once you've experienced a Ruegg fireplace there can be no other choice.

RUEGG Fireplaces

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Harper & Shuman

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B.I.G. Catalog of 292 Steel Booth Models

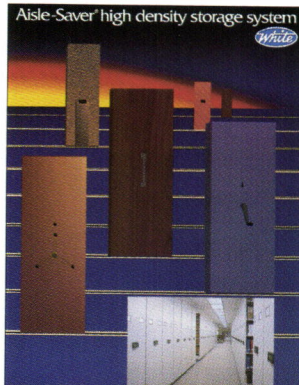


Pre-assembled & pre-wired, ready-to-install steel booths from B.I.G. Enterprises. We've been designing & manufacturing booths for over 20 years to blend pleasingly with any architectural style & ergonomic need. Easy to install, handi-cap approved, we deliver throughout the world. Call or write for your free catalog of 292 booth models. Call Dave King (818) 448-1449 or write 9702 E. Rush St., S. El Monte, CA 91733-1730.

B.I.G. Enterprises

Circle 118 on the inquiry card.

White Office Systems High-Density Storage



New brochure discusses White Office Systems' high-density storage systems that eliminate unnecessary aisles, producing a 50% saving of floor space. Suitable for offices, libraries, financial institutions, law firms, & other organizations where the cost of storage is important, Aisle-Saver systems allow the user to open an aisle whenever & whenever necessary, resulting in improved employee productivity, deferred moves & scaled-back expenditures.

White Office Systems

Circle 119 on the inquiry card.

WARMATOWEL™ - Ultimate Bathroom Luxury

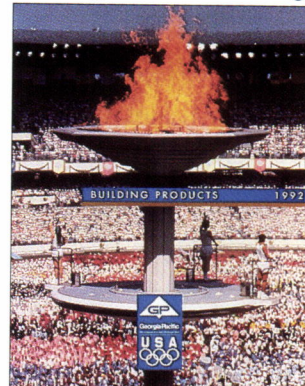


WARMATOWEL™ is a complete line of towel warmers specifically designed for use in the most upscale American bathrooms. Available in floor or wall models and eight contrasting or solid color combinations to suit designers taste. Contact WARMATOWEL at: 43-20 34th Street., Long Island City, N.Y. 11101. 800-767-8326.

WARMATOWEL™

Circle 120 on the inquiry card.

Georgia-Pacific BuildingProducts Catalog

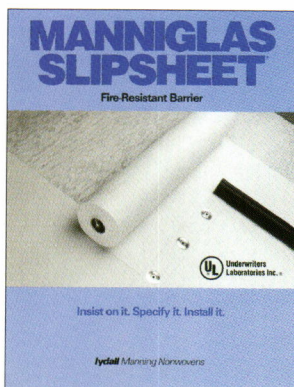


Inside, customers will still find extensive, up-to-date information about G-P's wide range of products in an attractive, easy to use format. Color tabs help direct readers to information on decorative panels, engineered board products, gypsum, hardwood plywood, insulation, lumber, metal products, millwork, roofing, siding, & structural panels. Detailed specification charts & suggested uses for each product, along with product highlights & dozens of full-color photos.

Georgia Pacific

Circle 121 on the inquiry card.

Manniglas Slipsheet® Fire Resistant Barrier

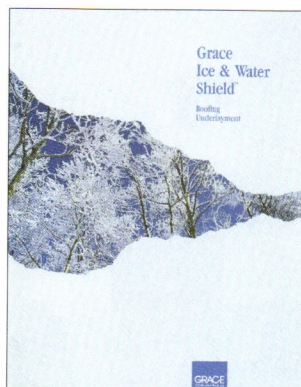


Roofing system brochure highlights company's unique Manniglas Slipsheet product, a lightweight flame barrier for U.L. Class A and B single-ply roofing systems. Manniglas Slipsheet is used over both combustible and non-combustible roofs to prevent penetration and spread of flame. For more information contact Lydall Manning Nonwovens: 518-273-6320.

Lydall Manning Nonwovens

Circle 122 on the inquiry card.

Protect Your Masterpiece With Grace Ice & Water Shield®



Featured brochure describes product & application uses & guidelines as well as product specifications. Using our sloped roof underlayment membrane is the most cost-effective, long-term protection against damage from ice dams & wind-driven rain. It's a tough, flexible, self-adhering membrane that installs easily under virtually every kind of roof & remains invisible, so it won't compromise the integrity of your design.

W.R. Grace & Co.

Circle 123 on the inquiry card.

Rolling steel door "Easytest" device

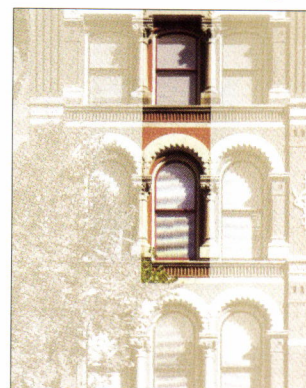


Saino has made it easy for you to meet fire codes that call for the periodic testing of rolling steel fire doors. Just a flip of the handle, and Saino's "Easytest" system automatically closes the fire door. Then, it's just as easy to re-set the door and the "Easytest" device in the open position. "Easytest" is available for new fire doors, or it can be retrofitted to existing fire doors. For catalog FD3, call 1-800-345-1899.

Saino Mfg. Company

Circle 124 on the inquiry card.

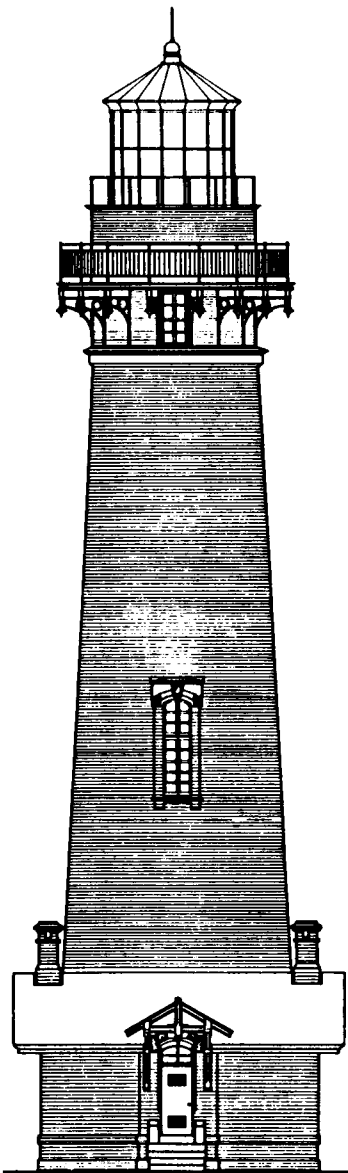
Marvin Windows' New Commercial Catalog



It describes the commercial capabilities of Marvin's entire line of wood and clad wood windows and doors. The catalog provides information on product styles, performance and design capabilities as well as Marvin's Architectural Support Department and other non-residential services. Also included is the Magnum Series, Marvin's premiere products for commercial applications. 8043 24th Ave. S., Minneapolis, MN 55425. 800-328-0268.

Marvin Windows

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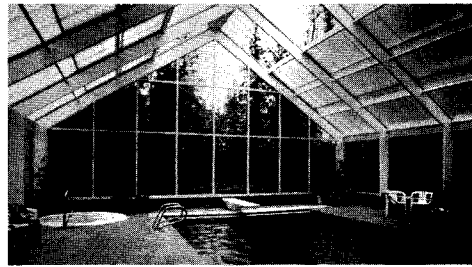
Make preservation a blueprint for the future.

Write:

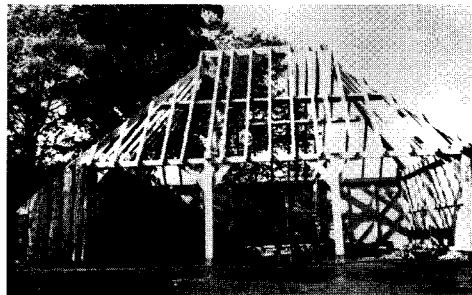
**National Trust
for Historic Preservation**
Department PA
1785 Massachusetts Ave., N.W.
Washington, D.C. 20036

New Products

continued from page 164



342. Pool pavilion. The Classic 2000 glazed enclosure has a roof of insulating Danpalon translucent panels dry-glazed within a motorized retractable-roof system; in this application, the panels move downward from the ridge. Perimeter walls are glass. Clear Plastics International, Inc., Mundelein, Ill.



343. Traditional English. Eighteen different one- and two-story structures—based on historic British construction—are offered in pre-cut kit form. The post-and-beam frame is made of green well-boxed oak heartwood, with mortise-and-tenon joints secured with pegs. Options include crown-post roof, jowl posts, and mullioned windows. Open bays permit flexible partitioning. English Heritage Oak Buildings, Wadhurst, England.



344. Reroof option. The Homecrest aluminum shingle, a new style, has an authentic slate, shingle, or tile texture, offered in five colors. The lightweight, individually fastened pieces are installed from the ridge down. Alcoa Building Products, Sidney, Ohio. ■

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The current annual salary range for Associate Architect is \$41,500 to \$62,300 and for Senior Architects \$45,700 to \$68,600. UCDMC offers and excellent benefits package. This recruitment effort will be open until filled, however, interviews will begin 4/1/92. Please refer to job #282-92 when applying for the Associate Architect, and job #283-92 when applying for the Senior Architect position.

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Manufacturer Sources

For your convenience in locating building materials and other products shown in this month's feature articles, RECORD has asked the architects to identify the products specified.

Pages 82-89

House on a Ranch

David Morton Thomas Cordell Architects

Pages 82-87—Corrugated metal siding and roofing: ASC Pacific. Aluminum-framed windows: Mercer Industries. Skylights: Glass and Sash. Wood-grille and rolling doors: fabricated by Petro Construction.

Pages 88-89—Sliding sunscreens: Kirsch

Panelrac System, unbleached canvas panels).

Fireplace: custom by architects, fabricated by Malm Fireplaces. Cement-floor finish: Glitsa American. Downlighting: Lightolier. Refrigerator: Sub-Zero Freezer. Dining chairs: Brickel Associates (University Chair by Ward Bennett). Desk lamp: Luxo. Hanging lamp: Akari. Sink: Kohler. Cooktop: Kitchen Aid.

Pages 96-101

Dennison/Peek House

Brooks & Carey Architects

Sash and awning windows: Marvin. Shingles: Bird & Sons. Wood doors: Morgan Products. Metal doors: Brosco. Locksets: Schlage. Hinges: Stanley. Stove: Austroflam USA. Dining table: custom by architect, fabricated by Len Schmidt. Ladder-back chairs, custom by architect, fabricated by Ken Schoen. Lighting: Killark; Prescolite; Stonco.

Pages 102-109

Root Guest House

Steven Harris & Associates, Architect

Roof: Terme-coated stainless steel, fabricated by Greg's Roofing. EIFS: Sto Industries. Custom wire-mesh railing: Atlas Welding. Paint on gates: Hammerite. Windows: Marvin Window (Magnum Tilt/Turn). Pool mosaic design by Lucien Rees-Roberts; glass tile fabricated by Italmosaic.

Pages 108-109—Dining table: Roger Crowley. Chairs: Donghia. Plumbing fixtures: American Standard (Warren Platner).

Pages 110-117

House for a Film Producer

Smith-Miller + Hawkinson Architects

Low-E glass: Libbey-Owens-Ford. Retractable awnings: Astrup (Solair). Fabric: Unitex (Sunsure). Aircraft-hanger doors: Wilson Industrial Door. Custom structural components: Classic Metal Design. Eames chairs: Palazzetti. Carpet: V'Soske. Refrigerator: Traulsen. Downlighting: Edison Price. Dining-room lighting: Atelier International. Sliding-door hardware: Grant. Cabinet hardware: Allgood. Skylight: Bristolite.

Pages 118-123

Wright House

James Cutler Architect

Decorative connectors: custom by architect, fabricated by Noreastern Trall. Roof: Western Red Cedar. Casement windows: Northwest Window Works. Glazing: Southwall Technologies (Heat

Mirror 88). Cherry cabinetry: custom by architect, fabricated by Rockledge Builders. Stove: Raä.

Pages 124-131

Corson-Heinser Live/Work Building

Tanner Leddy Maytum Stacy Architects

Cement-board cladding: Eternit (Eflex panels). Steel-frame windows: Torrance. Aluminum windows: Ventana. Upward-acting doors: Raynor Mfg. Flooring: Masonite Corp. Locksets: Schlage. Hinges: Hager.

Pages 132-139

Barton House

Mockbee/Coker/Howorth, Architects

Glass: PPG Industries. Storefronts, operable windows, and entrance: Kawneer. Corrugated-aluminum cladding: Fabral Corp. Paint: Benjamin Moore. Glass block: Pittsburgh-Corning. Metal roofing: ASC-Pacific (Galvalume). EPDM roofing: Carlisle Syntec Systems. Fans: Hunter Fan. Track-mounted downlights: Halo.

Pages 140-145

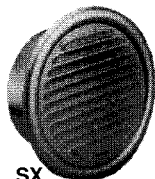
Reorganized Church of Jesus Christ of

Latter Day Saints Temple

Helmuth, Obata & Kassabaum, Inc., Architects
Stone: Cold Spring Granite (Rockville Beige and Oconee granites.) Stainless-steel roof, fascia, cladding, steeple skin: A. Zahner Sheet Metal. Ribbon windows: design by Triteq, fabricated by Marmet. Skylight: Skyline Skylight.

ALUMINUM VENT LOUVERS

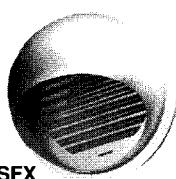
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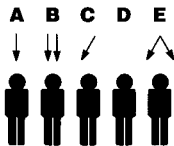
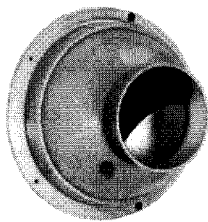
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dia. duct



SFX
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Dear Colleague,

We thought that you would appreciate this sampling of response to the upcoming 1992 LIGHTFAIR Pediatric AIDS Benefit. These are the words that accompanied the deeds of some of the people who have "... answered the Call to Arms."

““ You have chosen a very worthy cause, and we would be proud to be a member of the lighting community that supports such fundraising efforts. ””

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Mr. Randy Deutsch
Continental Lighting Systems

““ Lighting Services Inc. would be proud to support such a worthy cause, and the effort you’re making on behalf of the lighting community. ””

Mr. Daniel Gelman
Lighting Services Inc.

““ Lutron would be delighted to take part in the fund raiser benefiting children with AIDS. The commitment of time and effort from our lighting community to such a worthy cause is terrific. ””

Mr. John Longendorfer
Lutron Electronics Inc.

““ Reading the statement of the problem further enhanced my determination to lend assistance. ””

Mr. Jeffrey Zink
Publisher
INTERIORS

““ ID Magazine has always maintained that design must respond to human needs. Therefore, I am more than happy to offer our support the 1992 LIGHTFAIR Pediatric AIDS Benefit. ””

Ms. Bridget S. Johnson
Director
INTERNATIONAL DESIGN

Problem:

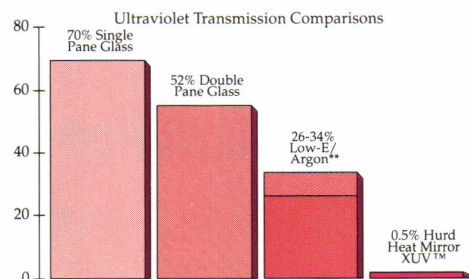
Your client wants to create a room full of windows to display priceless artwork and expensive furnishings.

Solution:

Hurd windows offer the most UV fading protection of any residential window—without blocking natural light or tinting the view.

Compare any other leading window—Andersen, Pella or Marvin. You'll find Hurd windows give you more performance solutions.

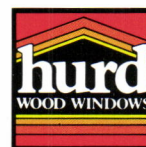
Just look at the numbers. Hurd windows can reduce up to 95% of outside noise, insulate to R8* and block over 99% of the sun's harmful UV rays—in most any size or shape you want. Hurd performance really means you have more design freedom.



Unprotected exposure to the sun's damaging ultraviolet rays is the leading cause of fading damage. Hurd windows block over 99% of the sun's harmful UV rays—without blocking natural light.

Hurd gives you a choice of windows that offer the option to tune a building for the most energy efficiency possible—even reduce the HVAC investment—without compromising comfort or design.

Find out more. See your Hurd distributor or call 1-800-2BE-HURD. Or write Hurd Millwork Co., 575 South Whelen Ave., Medford, Wisconsin 54451.



**When You're Serious
About Windows.™**

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Hurd windows look good in line print and even better up close. See for yourself. *Calculations based on center of glass values for Hurd InSol-8 windows with Superglass System with Heat Mirror Film in a 1" thickness. Total unit R value is 5.5 for commercial size units. 4.6 for residential size units. All data were collected using the standard ASHRAE 1989 calculation method and standard winter conditions of 0/70/15. Calculations made using LBL Window 3.1 Computer Modeling Software. **The range of ultraviolet transmission comparison performance is based on published figures. Heat Mirror™ and Heat Mirror Film are trademarks of Southwall Technologies. © 1992 Hurd Millwork Company, Medford, Wisconsin 54451.

**INTRODUCING
THE FIRST
SINGLE-LAYER
TWO-HOUR
FIRE-RATED
U.L. CLASSIFIED
LABOR-SAVING
COST-CUTTING
PROFIT-MAKING
SYSTEMS
FROM U.S. GYPSUM.**

ULTRACODE™ Core

Getting a two-hour fire rating used to mean you had to specify double-layer wall systems. But with new 3/4" ULTRACODE™ Core SHEETROCK® brand Gypsum Panels, you can get that same rating with a single-layer system.

That means the extra fasteners and panels used for standard two-hour rated double-layer systems are eliminated, as are the labor costs that go with them. Which means time and cost savings for you.

All new fire-rated systems using ULTRACODE™ Core Gypsum Panels have been tested and classified by Underwriter's Laboratories. Consult the 1992 U.L. Fire Resistance Directory for assembly designs U490, U491, & U492.

For More Information, write:

United States Gypsum Company

Department #147-4
101 S. Wacker Drive
Chicago, IL 60606-4385
or call:

1(800)USG•4YOU
and request publications
SA-923-A and WB-1893

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