

Recycled material builds home

A quality American suburban home, conventional in appearance but the first ever constructed primarily of recycled materials, was ready for occupancy in Richmond, Virginia.

The four-bedroom tri-level has a family room with fireplace, attached garage, two and a half baths, plus the standard assortment of rooms; but this home is like no other ever built anywhere at anytime. It is made almost entirely from materials that have served other purposes in an earlier life, and have now a new life as building products.

Aluminum beverage cans picked off a Florida beach, glass bottles from California parks, old newspapers from New Jersey, fly ash collected from a smoke stack in West Virginia, scrap fibers gathered from North Carolina carpet plants, processed garbage from New York City, worn out auto tires from Mississippi, and fibers from a municipal waste separation plant in Ohio are just some of the materials that went to make up this unique home.

A project coordinated by Reynolds Metals Company, a pioneer in the recycling of aluminum, aided by about 30 companies which contributed products and technical assistance, the home was built to prove that there are today practical uses for recycled materials. These products not only help conserve natural resources and energy and help reduce the problem of solid waste disposal, but the resulting products are as good as competitive, virgin materials, according to Reynolds.

The home marks the first use of two developments. The most extensive is the Reynolds Reynoframe system in which aluminum extrusions replace wood for the framing, joists and trusses. The driveway is a unique combination of reclaimed rubber and crushed glass.

Glass cullet was used to replace gravel as the fill material under the concrete slab in the home's recreational room and garage. It was used in the composition of the masonry block. Insulation was made of waste glass and steel mill slag.

Waste paper and wood products are used extensively. A board made primarily from recycled newspapers replaced plywood for the subflooring, sidewall sheathing, roof deck and burlap covered interior paneling. These products were nailed directly to the aluminum framing.

Interior paneling of recycled paper with vinyl covering was used in three of the rooms. Cabinetry for the kitchen and baths is made of fiberboard produced from scrap wood and sawdust.

At least two of the products in the house have traditionally been made from reclaimed materials — the asphalt roofing shingles of reclaimed paper and fibers and the cast iron sewer pipe. Scrap copper was used for water tube.

All carpet in the house is made from reclaimed nylon fiber. Fly ash, collected in air pollution control equipment at a coal-burning electric power plant, replaced 20 percent of the Portland cement used in the concrete. Another powdery material,

standard building products. These include siding, doors, windows, soffit, fascia, rain-carrying equipment and duct marble quarry tailings, was processed into bathroom fixtures.

Although the Reynolds framing system is being used here commercially for the first time, the other products from recycled aluminum are work for the heating and air-conditioning system.

Reynolds also developed a new "non-aluminum" product in the house. When a recycled floor tile became difficult to find, the company developed a tile utilizing scrap vinyl plastic. To produce different effects, the vinyl scrap was combined with wood chips for the family room and with bauxite and alumina (aluminum's ore and raw material for the kitchen).

And the barbage from New York City? It has been processed into a compost material for the lawn.

The rest of the landscaping is being assisted by the recycling program of Mother Nature.

PSU trains teachers

The School of Education has received a \$50,000 grant from the Federal Department of Health, Education and Welfare to continue the Portland Area Complex for Education (PACE), a program designed to encourage PSU professors and Portland public school teachers to combine their knowledge for in-service education.

Notification of the grant award came last spring. It will enable Portland State to continue the third year of what is designed as a five-year in-service training program.

Through workshops led by PSU professors, teachers in the Portland area will examine new education concepts. At the same time, PSU professors will be kept informed of the latest trends and at-

titudes among students in the Portland Public Schools.

The program is directed by Dr. William A. Jenkins, dean of the School of Education. His assistant is Dr. William A. Propp, associate professor of education.

"This program attempts to tie together the University and the needs of the public schools and to avoid and correct some isolation in the past," Propp explained. "This grant will provide time to work and plan together."

Propp also said the PACE program could benefit veteran public school teachers who face a changing student body and are seeking new ways of teaching effectively.

Public school teachers may receive credit for taking the workshops.

Movie shows Expo

"Save the Children" is a celebration of life filmed at last year's Black Exposition held in Chicago by Operation PUSH (People United to Save Humanity).

It's an experience, a movie that depicts the five days of Expo presented in musical and narrative form and leaves those who have seen it inspired and revitalized.

Paramount Pictures has acquired the United States and Canadian distribution rights to "Save the Children". The movie premieres in New York City on Wednesday, September 19 uptown in Harlem in the famed 125th Street Apollo Theater, and downtown at the Criterion Theater.

"Save the Children" features the musical talents of such stars as Marvin Gaye (he opens with the theme song), the Jackson Five, the Staple Singers, The Temptations, The Main Ingredient, Isaac Hayes, Bill Withers, and Curtis Mayfield.

One of the highlights is when Sammy Davis, Jr. appears — just after he had embraced President Nixon at the Republican National Convention. Entering to boos from the crowd and needing the Reverend Jesse Jackson of PUSH to plead that he be given a chance, Sammy proved his worth as an entertainer and a "man" by exiting to cheers and sus-

tained applause. Other entertainers include Roberta Flack, Quincy Jones, Gladys Knight and the Pips and Nancy Wilson and the Reverend James Cleveland, among others.

Also featured are such personalities as Don Cornelius, Ossie Davis, Dick Gregory, Smokey Robinson, Richard Roundtree, Bill Russell and Kim Weston. It's an experience, watching these on stage and the hundreds of thousands who came from all over for five days and stayed in relays to see the show starring the headliners.

Producer Matt Robinson describes the film as "the hours when people rocked to make a better world."

It all started with Operation PUSH, which in turn goes back to Operation Breadbasket and the Southern Christian Leadership Conference. Sponsored by Operation PUSH, Expo each year is held at the Chicago Amphitheater, three square blocks of ex-cowboys in what used to be the old stockyard section, which in 1968 housed the Democratic National Convention.

Marvin Gaye, who sings the theme song, actually provided the title, "Save the Children". There's a different theme each year. "Save the Black Colleges" is Expo '73's theme.

"Players" premiers

Is Zeudi Araya the most beautiful Black woman in the world? "Yes!" say the editors of Players magazine who have selected her as cover girl for the premier issue scheduled to make its debut on the stands October 9th.

"We expect a lot of controversy," says editor Wanda Coleman. "Almost everybody has a selection of their own and we might develop this into an international contest."

Zeudi Araya is a 21 year old beauty who won the Miss Ethiopia title in 1969. Her reward, a trip to Italy, led to a single movie role that

made her a superstar overnight. The film was *The Girl With the Moonlight Skin*. Zeudi is now the hottest property in Italy. Her new film, *The Black Wife*, is soon to be released. She is being considered for a role in the epic production of Kyle Onstott's *Mandingo*, with Peter O'Toole.

Also in the first issue of Players is an interview of Richard Roundtree, fiction by Chris Wyse and Odie Hawkins, a pictorial feature on Hustlers' cars, articles on Scoring (Huey Newton), Red China (Earl Ofari), and Money Making Blacks in Europe (Ollie Stewart).



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Bank expands

First National Bank of Oregon will expand its international operations by establishing a branch office in the British West Indies. Later this month the branch will open in George Town, Grand Cayman, in the Cayman Islands, announced Ralph J. Voss, chairman.

The branch will allow First National to expand dealings in the Eurodollar market to support other overseas bank operations.

The branch will be administered from Portland by Willem Winter, vice president for Europe and Latin America, international division. First National established a representative office in Hong Kong in 1969 and last month the bank jointly formed a merchant bank there with United California Bank and the Pacific National Bank of Washington. A second representative office in Singapore was recently established.

FASHION WHEEL

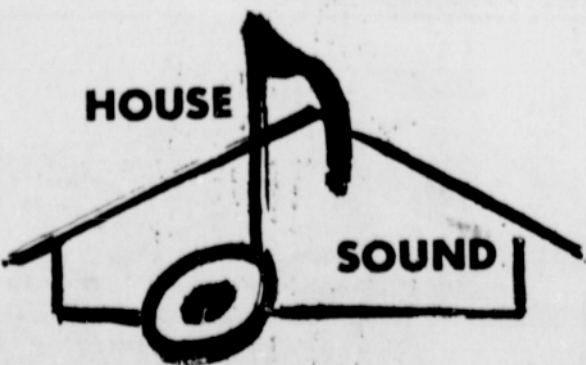


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Girls' 100% Nylon 2 Piece Pant Sets Sizes 4-6X Reg. \$3.99 100% nylon with long sleeve stripe tops and solid pull on pants. Sizes 4-6X; 7-14. Available Apparel Sections. \$2.96	Bar-S All Beef or All Meat Wieners 12 Oz. Pkg. Reg. \$1.19 Available Delicatessen Sections. 78¢ pkg.

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