



Crescent Brittle Apple Braid and Carmel Apple Dumplings are favorite fall desserts for entertaining at home.

Entertaining At Home

Entertaining at home will be more popular than ever this year, consumer researchers say. A variety of studies all report that people plan to economize by going out less often. Many of those interviewed said that eating in good restaurants or driving long distances to sporting events would be replaced by less costly parties at home.

Gas supplies and prices also may affect the kinds of foods served at home parties. Shoppers already have reduced their trips to the supermarket. Now they indicate that they will cut down on dishes that call for perishable foods or special ingredients that require an extra trip to the store.

Analyzing trends from thousands of recipes entered in the BAKE-OFF contest is one way to learn what Americans are cooking for company. So the contest sponsor is especially interested in any changes in the special occasion recipes entered in the current contest scheduled next February in Miami Beach, Fla.

Although special occasion recipes are eligible in all three contest categories, Pillsbury expects to find some of the most creative party recipes using refrigerated crescent rolls, pie crust mix and ready-to-spread frosting.

Contest officials say that extra preparation time and higher cost ingredients are more appropriate in special occasion recipes. Attractive appearance and superior eating quality are both important.

A company spokesperson warns that recipes suitable for only one occasion or a specific holiday are too specialized to be selected as one of the 100 finalists. A dish that could be served year around would merit special attention.

With good cooking appliances nearly always available, Crescent Brittle Apple Braid is the kind of pastry-like coffee cake that could be one of the winners. The flakey crust is quick refrigerated crescent roll dough, and crumbed peanut brittle and apple slices make a easy filling. So this attractive sweet bread has special appeal for the busy person who entertains at a weekend brunch or needs something out-of-the-ordinary but quick to serve at a committee meeting.

Apple dumplings may have been everyday fare when most women stayed home and had more time to cook. But any dessert

which involves pie crust is special occasion now in most homes. Carmel Apple Dumplings save time by using pie crust mix as the flakey covering for the lightly spiced apples. These dumplings are baked in a rich caramel sauce, which puts them in a prize-winning class. If you have a recipe guests rave about, it could be worth \$40,000 at the upcoming BAKE-OFF contest. Entries close October 15. Entry blanks are available in food stores. Or, if you enclose a self-addressed stamped envelope and write to BAKE-OFF* Entry Blanks, B17G Pillsbury Building, Minneapolis, MN 55402, Pillsbury has agreed to send entry blanks by return mail.

Crescent Brittle Apple Braid. Heat oven to 400 degree F. To prepare pastry, stir pie crust mix and 1/4 cup water in large bowl until dough holds together. Shape dough into ball and flatten; smooth edges. Roll dough on lightly floured surface to make a 12x18-inch rectangle; cut into six 6-inch squares. Place apples on pastry squares. Combine sugar, cinnamon and nutmeg; sprinkle 2 teaspoons in cavity of each apple. Add a few raisins. Moisten edges of pastry. Brin up corners to top of apple and pinch together. Seal edges together; place in 12x18-inch pan. In saucepan, heat brown sugar, water and margarine to boiling. Pour over dumplings. Bake at 400 degree F. for 15 minutes; reduce temperature to 375 degrees F. and bake for 25 to 30 minutes or until dumplings are golden brown. Spoon caramel sauce over dumplings; serve immediately. 6 servings.

1/4 cup margarine or butter. Heat oven to 400 degree F. To prepare pastry, stir pie crust mix and 1/4 cup water in large bowl until dough holds together. Shape dough into ball and flatten; smooth edges. Roll dough on lightly floured surface to make a 12x18-inch rectangle; cut into six 6-inch squares. Place apples on pastry squares. Combine sugar, cinnamon and nutmeg; sprinkle 2 teaspoons in cavity of each apple. Add a few raisins. Moisten edges of pastry. Brin up corners to top of apple and pinch together. Seal edges together; place in 12x18-inch pan. In saucepan, heat brown sugar, water and margarine to boiling. Pour over dumplings. Bake at 400 degree F. for 15 minutes; reduce temperature to 375 degrees F. and bake for 25 to 30 minutes or until dumplings are golden brown. Spoon caramel sauce over dumplings; serve immediately. 6 servings.

1/2 cup powdered sugar. 2 teaspoons margarine or butter, softened. 2 to 3 teaspoons crushed peanut brittle. Heat oven to 375 degrees F. Unroll dough into 2 long rectangles on ungreased cookie sheet. Overlay long sides to form 18x12-inch rectangle; firmly press perforations and edges to seal. Combine apples, peanut brittle, flour and cinnamon. Spoon filling lengthwise down center third of dough to within 1-inch of ends. Make cuts 1/2 inch apart on each side of rectangle just to edge of filling. Fold ends of dough 1/2 inch over filling. Bring 1/2-inch strips of dough together over apple mixture, braid dough and press strips together. Bake at 375 degrees F. for 15 to 29 minutes or until golden brown. Combine powdered sugar, margarine and milk, stir until smooth. Drizzle over warm coffee cake. Sprinkle with peanut brittle. 8 servings.

1/2 cup sugar. 1/4 teaspoon cinnamon. 1/4 teaspoon nutmeg. Raisins, if desired. 1 cup firmly packed brown sugar. 1/2 cup water.

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Boom in Kitchenware

There's optimism in the kitchenware industry, report observers at the recent National Hardware Show in Chicago. Americans appear to be spending more money for better cooking equipment.

Some theorize that people are staying near home to conserve gas and money. They are rearranging their kitchens, purchasing new equipment and experimenting with gourmet dishes.

One happy importer of gourmet kitchenware is Chicago's Barnard

Mariano, president of the importing firm of Schiller & Asmus. Mariano has profited from daring to be among the first to introduce elegant enameled iron kitchenware.

His cast-iron and enameled products come from the 400-year-old Constance foundries of France. Mariano was recently awarded the French National Order of Merit for his promotion of stronger ties between France and the United States through grade and

industry as well as for his services to France during World War II.)

Mariano attributes the current upsurge in his sales to increased interest in making the kitchen beautiful as well as practical.

"I think that gas shortages and inflation are good in making people realize that many good things lie inside the home," he says. "They will discover in their kitchen, for example, a certain joy in feeding people, a certain pleasure in handsome pots and glistening electric equipment."

Because of the boom in kitchenware sales, Mariano is now offering the electric equipment as well as the pots. He has introduced new lines of such appliances as food processors, french fryers, hand mixers and a citrus juicer.

But Mariano's interest in the kitchen is not purely professional. He enjoys cooking for his own family, which includes six children and nine grandchildren.

"I love to cook some of those wonderful Italian dishes I learned from my mother," he says. "I love to see all those young people gathered about my table."

"I think the shattering of the pattern of the American family dinner—by television, by using the refrigerator as the meal planner—that began in the '60s is beginning to change. I see hope now for a return to the family life on which America was established."

Knocking the bottom of a green enamel frying pan, Mariano observes, "Now you can understand why the supply and cost of home heating oil in Connecticut."

Mrs. Grasso also said she is not swaying in her support for President Carter despite the increased possibility Sen. Edward Kennedy, D-Mass., will make his own run for the 1980 Democratic presidential nomination.

"I stand exactly where I've been, in support of the president," the governor said at a news conference at the Capitol. "I don't expect to change my position."

On the subject of oil, Mrs. Grasso said the existing machinery is not in place to allow consumers and oil dealers to buy heating fuel on a credit basis and at lower interest costs than the going rate.

MANCHESTER — The Manchester Housing Authority adopted a new admissions and occupancy policy Wednesday night which would give preference to Manchester residents who apply for housing.

However, the commissioners made it clear that the new policy would not effect the out-of-town residents who are on the present waiting list of 251 applicants. They would not be displaced by the new policy, according

to Executive Director Dennis Phelan.

The new policy governing the federal housing project units will apply immediately to the next applicant, he said, while maintaining the present waiting list.

The commissioners also unanimously agreed to give preference to elderly and handicapped Manchester residents with urgent housing needs. The decisions would be left to the authority's discretion.

The policy was adopted after commissioners debated to keep the out-

of-towners on the waiting list. Commissioner Jim Murphy moved that the policy be adopted and that the non-residents seek housing elsewhere. However, his motion died because another member didn't second it.

"We should realize the needs of local people like Miss McQueen see story, page 6," he said. One-third of the people filing in Manchester are from outside the town. We have an obligation to the citizens of Manchester first."

However, Chairman Pascal

Mastrangelo vehemently disagreed with Murphy's suggestions.

"Jim," he asked, "what do we do with the people on the waiting list who don't live in Manchester at the present time?"

Murphy suggested a regional policy, if possible, or application to other towns.

"It bothers me deeply," Murphy said. "It seems to me that those towns should have an obligation to those people if we adopt a policy of domicile."

"You can't do that, Jim," replied

Mastrangelo. "The policy is not permissible."

Phelan said the list from the bottom to the top represents a four-year wait. The farthest way, he said, would be to make the 252nd person on the list apply to the new policy.

He also said the preference to citizens of Manchester needs would solve the problems of Nellie McQueen and persons like her. She would not be considered under the old waiting list because the authority has special power to treat her differently, he said.

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MHA Adopts New Policy

By CHARLIE MAYNARD Herald Reporter

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Oil Session

HARTFORD (UPI) — Gov. Ella Grasso said today the Legislature will have to return in special session before January to deal with the supply and cost of home heating oil in Connecticut.

Mrs. Grasso also said she is not swaying in her support for President Carter despite the increased possibility Sen. Edward Kennedy, D-Mass., will make his own run for the 1980 Democratic presidential nomination.

"I stand exactly where I've been, in support of the president," the governor said at a news conference at the Capitol. "I don't expect to change my position."

On the subject of oil, Mrs. Grasso said the existing machinery is not in place to allow consumers and oil dealers to buy heating fuel on a credit basis and at lower interest costs than the going rate.

Reforms Due

TALLAHASSEE, Fla. (UPI) — A legislative hearing was called for tonight at the courthouse in nearby Quincy to consider reform of the law that led to the Fedo and Hattie May Kenen's losing their home without knowing it. The hearing was a response to citizen protests at learning the Kenens, who live on Social Security benefits, had lost their house because they did not pay \$3.65 in taxes in 1975.

"Nobody has done anything illegal," said state Sen. Pat Thomas of Quincy. "But there is a weakness in the law. The Legislature never intended that a person should lose his home under these circumstances." The home, valued at \$5,200, was bought by Callahan mortgage broker John D. Barrow for \$102, which included the back taxes and county costs. He has said he would sell it back to them for \$100,000. People from throughout the country have sent money to help the Kenens and close to \$1,000 has been collected in an account established by friends.

Baby Whale

SEATTLE (UPI) — A newborn sperm whale, with its umbilical cord still attached, was found beached on the Oregon Coast near the resort town of Rockaway Tuesday afternoon. It was bundled in wet blankets and mattresses and trundled off to the Seattle Aquarium on a flatbed trailer.

Marine biologists said the whale had suffered from severe nausea, but was soothed by teams of two people slowly walking it around a holding pool. They managed to feed the 800-pound, 12-foot baby a mixture of saline and krill Wednesday night, but said its chance of survival was still rated as "zero."

Strong Quake

NORCIA, Italy (UPI) — A hundred aftershocks of the most intense earthquake to strike Italy in three years rumbled in central Italy early today, where thousands of people were sent fleeing into the streets. At least five were killed — three in the village of San Marco and two more in the village of Chiavari in Cascia, both near the Umbrian hilltop town of Norcia, 75 miles northeast of Rome.

Scores more suffered minor injuries when their homes collapsed from the initial quake Wednesday, that registered 8.9 on the Mercalli scale of intensity and 5.8 on the Richter scale and the smaller aftershocks. Rescue crews picked through the rubble of collapsed houses in search of more possible victims. It was the strongest tremor since a May 6, 1976 earthquake killed 1,000 people in the Friuli region north of Venice.

High Water at Houston

Persistent rains in the Houston area caused the Buffalo Bayou near downtown to rise significantly, closing many roads into the city. Thousands of suburban residents fled their homes in anticipation of a fourth day of rain. (UPI photo)

Beer Cancer Risk Not High

WASHINGTON (UPI) — Both the Food and Drug Administration and American brewers say small amounts of a cancer-causing agent found in beer should eventually be eliminated.

In the meantime, according to the FDA, the problem isn't big enough for beer drinkers to seek other ways to quench their thirst.

But the Center for Science in the Public Interest thinks the problem is serious enough that the government should order brewers to disclose how much of the cancer-causing agent—nitrosamines — their products contain, and give the firms six months to eliminate them.

"Americans are clearly consuming a significant amount of nitrosamines in their beer," said the group, a Washington-based consumer lobbying organization. "About 90 percent of U.S. maltsters use a process

(direct fire technique) that results in the occurrence of nitrosamines, according to FDA.

"Assuming an average level of 8 ppb (parts per billion) nitrosamines in beer, and 5 ppb in beer, we calculate that Americans are exposed to about 20 times as much nitrosamines from beer as from bacon," the group told the FDA Wednesday.

Jacobson said the exposure estimate was based on government statistics showing the average American eats 7.15 pounds of bacon a year, but drinks 227 pints of beer a year.

The U.S. Brewers Association said "significant progress" has been made already in eliminating nitrosamines and "an early resolution of the problem is anticipated."

"We have consulted with leading medical experts through the world. We have been consistently advised that there is no evidence that nitrosamines are at these low levels

present a health hazard to man," it added. "Nonetheless, we believe that exposure to nitrosamines... should be eliminated when possible."

FDA spokesman Wayne Pines said, "Our position has been that on the basis of what we know there's no reason for anyone to change his beer consuming habits, which should be a moderate amount of beer. We don't see any reason to discontinue that."

He said the industry told the FDA last month that "within a matter of a few months it expects to be able to significantly reduce or eliminate nitrosamines in beer" and "we're confident" it can do so.

In his petition, Jacobson cited a study conducted by WIS-TV in Chicago which found an average 5 ppb nitrosamine contamination in beer, "with some samples containing several times that much."

The missing uranium was the talk of the town along the streets of Erwin.

"You would hate for some hoods to have stolen it," said one resident, Mrs. Horace Roller. "Particularly when a paper printed how to make one (a) bomb."

The NRC would not say exactly how much highly enriched uranium was missing at the plant, which makes fuel for the Navy's nuclear submarines. But under the commission's regulations, at least 20 pounds must be unaccounted for to warrant a shut down order.

NRC official Morris Howard said a complete inventory would begin Sept. 27 in a another phase of the search. He said the "total picture" on the missing uranium might not be available until 30 to 45 days after that.

Lost Uranium Hunted by Air

ERWIN, Tenn. (UPI) — Government investigators, already nervous over the publication of plans for the H-bomb, have ordered an airborne electronic search of the Nuclear Fuel Services Inc. plant to try to locate at least 20 pounds of bomb-grade uranium that is missing.

"It is hard to say if it is enough to make a bomb, but our guidelines indicate it is," said Bob Burnett, the Nuclear Regulatory Commission's director of safeguards. "This is category I material, the most important this country has."

Burnett said a helicopter and a twin-engine plane with sophisticated electronic radioactivity detectors would be used in the search of the plant and its immediate vicinity.

William D. Dirks, head of the NRC's office of nuclear materials and safeguards, said there is "no indication right now the material has gotten off site," but he added, "we haven't ruled out that possibility."

The plant was ordered to shut down Tuesday — the first such federal order ever issued — and NRC investigators moved in and began looking through records and checking stockpiles.

Officials indicated the fuel could be missing through a clerical error or some other "paperwork" mistake. Authorities said, however, that was not ruled out.

NRC spokesman Ken Clark said the recent publication of plans for building a bomb "further underscores keeping a tight rein on the material they are using at this plant."

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Spot and Prissy take to high ground on their sofa as flood waters in Brantia County south of Houston, Texas, continued to rise Wednesday. Three days of rain caused serious flooding throughout the Gulf Coast. (UPI photo)



Persistent rains in the Houston area caused the Buffalo Bayou near downtown to rise significantly, closing many roads into the city. Thousands of suburban residents fled their homes in anticipation of a fourth day of rain. (UPI photo)

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The Weather



For period ending 7 a.m. 9/21/79. During Thursday night, rain and showers will spread up across the lower Mississippi Valley and cover most of the area from Oklahoma to the Carolinas. Fair to partly cloudy skies are predicted elsewhere.

Connecticut Forecast

Sunny today with highs 65 to 70. 18 C to 21 C. Fair tonight. Lows 50 to 55. Friday increasing cloudiness with chance of rain in the afternoon. Highs in the 70s. Probability of rain near zero percent today 10 percent tonight 50 percent Friday. Variable winds around 10 mph becoming southwest 10 to 15 mph later today and tonight. Southerly winds 10 to 20 mph on Friday.

Long Island Sound

High pressure moving across area today and then offshore. Low pressure from Gulf moving slowly northeast. South to southwest winds 10 to 20 knots this afternoon through Friday. Fair today and early tonight. Increasing cloudiness later tonight. Friday cloudy with periods of rain likely in the afternoon. Visibility more than 2 miles lowering to 3 to 5 miles in haze late tonight and Friday morning and to 1 to 3 miles locally below 1 mile in rain and fog Friday afternoon. Average wave heights 1 to 3 feet today through Friday.

Extended Outlook

Extended outlook for New England Saturday through Monday: Mass., R.I. & Conn.: Chance of showers early Saturday followed by clearing. Fair Sunday and Monday. Daytime highs mostly in the 60s. Overnight lows mostly in the 40s. Vermont: Chance of a few lingering showers Saturday. Fair Sunday and Monday. A little cooler than normal. Highs 65 to 70. Lows 35 to 45.

Maine and New Hampshire: Chance of showers Saturday. Fair Sunday and Monday. Highs in the 50s and 60s. Lows 35 to 45.

National Forecast

City	Forecast	High	Low
Albuquerque	c	62	30
Anchorage	r	63	50
Asheville	r	78	52
Atlanta	r	83	68
Baltimore	pc	65	52
Birmingham	r	71	60
Boston	c	73	42
Brownsville, Tx	c	78	59
Buffalo	c	57	38
Charleston S.C.	cy	76	70
Charlotte N.C.	pc	62	62
Chicago	c	64	48
Cleveland	pc	61	43
Columbus	cy	67	46
Dallas	r	74	67
Denver	pc	84	56
Des Moines	c	63	40
Duluth	c	61	39
El Paso	c	84	56
Hartford	c	67	50
Honolulu	pc	80	75
Houston	pc	75	71
Indianapolis	cy	71	40
Jacksonville	pc	78	69
Kansas City	cy	79	60
Las Vegas	c	103	74
Little Rock	r	75	67
Los Angeles	c	88	70
Louisville	cy	79	58
Memphis	c	82	70

New England Forecast

Mass., Conn. & R.I.: Sunny today with highs 65 to 70, 18 C to 21 C. Fair tonight lows 50 to 55 except in the 40s in the western hills. Friday increasing cloudiness with chance of rain developing by late Friday. Highs in the 70s. Maine: Mostly sunny today followed by increasing cloudiness rain north. Highs 50 to 55, 12 C north to near 60, 15 C south. Fair tonight except chance of showers far north. Lows in the upper 30s to mid 40s. Fair followed by increasing cloudiness Friday. Chance of showers north and west late in the day. Highs in the 60s north to low 70s south. New Hampshire: Mostly sunny today. Highs 52 to 57, 12 C north to 62 to 67, 18 C south. Fair tonight. Lows 40 to 45. Increasing cloudiness with a chance of showers Friday. Highs in the 60s north to lower 70s south. Vermont: Variable cloudiness north this afternoon with the chance of brief showers, mostly sunny south. Highs 55 to 62. Increasing cloudiness tonight. Not so cold, lows in the 40s. Chance of rain developing late in the day on Friday. Highs in the 60s.

Lottery Numbers

Winning daily lottery numbers drawn Wednesday in New England: Connecticut: 648. Massachusetts: 0362. New Hampshire: 276. Rhode Island: 1070. Winning weekly lottery numbers drawn Wednesday in New England: Massachusetts: Yellow 967, Blue 80, White 8. Rhode Island: 24, 0762, 16883, 83222. Vermont: B-6, B-7, B-12, B-13, 1-29, N-42, O-62, O-73, O-74. No "G" numbers were drawn. The bonus letter was "B".

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Peopletalk

Oscar Campaign For Miss Piggy

Bruce Collin is campaigning hard to get his favorite actress nominated for an Oscar and so far he says he's received 25,000 letters in support of the cause. Says the Cincinnati fan, "There are thousands of people in this country who believe Miss Piggy is more deserving of an Oscar than a lot of actresses." That's right - Miss Piggy of the Muppet puppet people. She, too, has written Collin a letter - "diplomatically worded in her own delicate style."

Says she, "I feel I am but a humble actress-singer and I do not believe it is my place to comment on this wise, perceptive, discerning and tasteful Oscar campaign."

Play It Again

When a Los Angeles judge awarded Michelle Triola Marvin \$104,000 - instead of the \$1 million-plus she'd sued for - in Lee Marvin's celebrated "palimony" case, the actor exulted, "Sensational - we won on all counts!"

His attorney apparently doesn't think so. A David Kagon is appealing, opening the possibility of another trial.

Says Michelle's lawyer Marvin Mitchellson, "It's the first time I ever heard of a winner appealing. Only losers appeal." He predicts victory in Round 2.

Skynyrd Rechristened

The Lynyrd Skynyrd rock group - all but wiped out in a plane crash two years ago - will live again under a new name.

Five surviving members are planning a new album and the Jacksonville Florida Times-Union says they'll record it for MCA Records as the Rossington-Collins Band - named for guitarists Gary Rossington and Allen Collins.

Other survivors are Billy Powell on the keyboard, bass player Leon Wilkeson and drummer Artemis Pyle.

Lead vocalist Ronnie Van Zant and guitarist Steve Gaines died in the 1977 crash that left many other band members permanently injured.

White House press secretary Jody Powell, quoted in the November issue of Penthouse magazine in an article by Edward Rosen who contends the Soviet troop presence in Cuba could turn the Panama Canal treaties into "a diplomatic disaster" for President Carter. "I hope we never hear the word 'Panama' again."

Spencer W. Kimball, the 84-year-old president of the Mormon church, has been released from a Salt Lake City hospital where he underwent surgery to remove a swelling between the skull and the brain covering the brain.

Angie Dickinson will costar with Michael Caine and Nancy Allen in Brian De Palma's "Dressed to Kill" - Joe Namath - fresh from his Ohio stage debut in "Picnic" - has a two-hour NBC-TV comedy "Marriage is Alive and Well."

The Almanac

By United Press International Today is Thursday, Sept. 20, the 263rd day of 1979 with 102 to follow. The moon is new. The morning stars are Mars, Jupiter and Saturn. The evening stars are Mercury and Venus. Those born on this date are under the sign of Virgo. George Bird Grinnell, American writer and explorer of the West, was born on Sept. 20, 1849. This is actress Sophia Loren's 45th birthday. On this date in history: In 1519, Portuguese navigator Ferdinand Magellan began a voyage to find a western passage to the East Indies. In 1873, financial chaos forced the New York Stock Exchange to close. It remained closed for 10 days. In 1981, Vice President Charles Arthur became the 21st American President following the gunshot death of James Garfield. In 1974, it was estimated that 1,000 people had been killed in Honduras by Hurricane Fifi. That figure was increased to 5,000 the following day. A thought for the day: British philosopher John Locke said, "It is one thing to show a man that he is wrong, another to put him in possession of the truth."

To Advertise - Place a classified advertisement call 643-2711 and ask for Classified. Office hours are 8:30 a.m. to 5 p.m. Monday through Friday. When the office is closed, classified ads may be placed by calling 643-2718. For information about display advertising, call Thomas Hooper, advertising director, at 643-2711. To Report News - To report a new item or story idea: Manchester - Alex Girelli, 643-2711. East Hartford - Chris Blake, 643-2711. Glastonbury - Dave Lavelle, 643-2711. Andover - Donna Burbank, 643-2711. Bolton - Donna Holland, 643-2711. Coventry - Guy DeSimone, 649-9956. Heteron - Patricia Mulligan, 228-0969. South Windsor - Judy Kuchel, 646-1384. Vernon - Barbara Richmond, 643-2711. To Report or inquire about special items: Business - Alex Girelli, 643-2711. Church Notices - Alice Evans, 643-2711. Opinion - Donna Burbank, 643-2711. Family - Betty Ryder, 643-2711. Sports - Earl Yost, 643-2711. Office hours are 8:30 a.m. to 5 p.m. Monday through Friday.

Pact Ratified at Fafnir But Workers Stay Away

NEW BRITAIN (UPI) - Union production workers at Fafnir Bearing Co. plants in New Britain and Newington honored another union's picket lines today and stayed away from work in numbers as they have since April 23.

The 3,300 production workers had ratified a new contract, but were told by their union that it was their own choice whether to honor picket lines set up by a smaller skilled workers union.

"We don't have any figures yet, we're still trying to compile them," a Fafnir spokesman said today. "There have been a few that have come in and some that didn't come in," he said.

"I would say there are more that didn't come in," he added. About one-third of the 3,300 United Auto Workers Local 133 members, he said, ratified a new three-year contract Wednesday and ended a 21-week strike, were told to report to work today and production was set to begin.

But 187 striking Fafnir skilled tradesmen, represented by the International Association of Machinists and Aerospace Workers Local 126, remained on the picket line until a settlement was reached.

A Fafnir official said the ball bearing manufacturing firm "expects UAW employees to comply with the terms of the agreement and report to work in accordance with the recall schedule."

But IAM Lodge 1249 spokesman Ray Palmucci said "we anticipate any good trade union member will ratify a new contract, but were told by their union that it was their own choice whether to honor picket lines set up by a smaller skilled workers union."

Union leaders had recommended acceptance of the agreement which was hammered out last Friday during a bargaining session in state Labor Commissioner P. Joseph Peraro's office.

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members of the union local attended the ratification meeting and he believed the fact only about 1,600 cast ballots was an indication of the "overwhelming" support for the pact.

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Jews To Mark Rosh ha-Shanah

MANCHESTER - The beginning of the Jewish New Year 5740 will be observed by Jews throughout the world this year beginning Friday evening.

At Temple Beth Shalom in Manchester services will be held Friday evening at 8:15 p.m. and on Saturday and Sunday at 8:30 a.m.

Rabbi Richard Plavin, the newly appointed spiritual leader at the Temple, noted that while the secular new year, Jan. 1, is celebrated with parties, the Jewish New Year, known as Rosh ha-Shanah, has a very different mood. Known as the Day of Judgement, it is a time of personal introspection and spiritual stock-taking. This period of self review, which begins with Rosh Hashanah, continues through the "Ten Days of Repentance," and culminates on Yom Kippur, the Day of Atonement.

The best known custom on Rosh ha-Shanah is the blowing of the ram's horn, (the Shofar) as a call to repentance. Also customary on this holy day is the eating of apples dipped in honey to symbolize the hope for a sweet year.

The traditional liturgy will be chanted by Cantor Israel Tabatabay. Dr. Leon Wind is rabbi emeritus of Temple Beth Shalom and Merwin Meridy is the president of the congregation.

Testimony Heard In Primary Case

MIDDLETOWN (UPI) - Challengers of last week's Democratic mayoral primary have rested their court case, and are now waiting for presentation of evidence by the other side.

City Councilman Vincent Lofredo, the party-endorsed candidate, formally challenged his three-vote loss to fellow councilman Michael Cubeta last week. He said a fellow voting machine prevented some supporters from casting ballots.

Testimony began in Middlesex Superior Court Tuesday and will continue today. A decision is expected early next week.

Lofredo claims the failure of a voting machine at the 4th District polling place, where voters were turned away between 6 and 7 p.m., caused him to lose the election. He won that district 204-80.

Local Vets Don't Want Fonda Talk

By LAUREN DAVIS SHEA
Herald Reporter

MANCHESTER - Leaders of local veterans organizations are against Jane Fonda and her politics. Commander John Bear of the American Legion said, "We have a beautiful country here, men died for this country. It would be disrespectful to the memory of those men to attend her lecture at Central Connecticut State College."

Opposition to Miss Fonda stems from her 1972 trip to Hanoi while American soldiers were fighting in Vietnam. Said Commander Bear, "If Miss Fonda could spend so much time with the enemy during war, why didn't she stay there?"

Jim Mackintosh, manager of the VFW Club in town said, "Most of the fellas in the VFW feel they wouldn't go to see her. She is a very well liked person, but she's a communist."

Both Commander Bear and Mr. Mackintosh also mentioned the consensus among vets was against the recent visit of heavyweight champ Muhammad Ali. Said Mackintosh, "Men were pretty damn well mad about it. He was a draft dodger. Jane Fonda evokes more hostility than he does."

Jane Fonda and her husband, Tom Hayden will speak at the CCSC campus in New Britain concerning "Issues of the '70s, film-making and the prospects for the future," on Oct. 1 at 8 p.m. Tickets are \$5 for the general public.

Girls' Society Plans Service

MANCHESTER - The Girls Friendly Society sponsors will have service of Evening Prayer Friday at 7:45 p.m. in the chapel of St. Mary's Episcopal Church.

The Rev. J. Gary L. Hommedieu, assistant to the pastor, assisted by Mrs. Thomas Rollason, devotional chairman of the group, will officiate at the service. Later, there will be a business meeting in the Guild Room.

Honorees for the evening are Mrs. Adelaide Black, Mrs. Robert Dunlop, Mrs. Rose O'Bright and Mrs. James Topf.

Officers for the coming year are Mrs. Everett Kelsey, president; Mrs. Woodrow Trotter, vice president; Mrs. Richard Cherrington, secretary; and Mrs. Richard Harris, treasurer.

Heading the various committees are Mrs. Leonard Lawson, program; Mrs. Rollason, devotional; Mrs. Trotter, publicity; Mrs. Margaret Judd, cheer; Mrs. Winslow Manchester, pecan sale; and Mrs. Black, telephone.

New members are welcome to join the group in its various programs of worship, fellowship and service to the church and to the community.

Student Cited
SOUTH WINDSOR - Steven Deveny of 50 Crestwood St., a senior at South Windsor High School, is a semi-finalist on the National Merit Scholarship Qualifying Test.

Tax Collector
HEBRON - Starting today, and continuing each Thursday through Nov. 8, the office of the tax collector will be closed at noon.

Tax Collector Joan Rowley will be attending classes for Course III of the Connecticut Certified Municipal Collector's Program. This phase of the program is titled, "Connecticut Government, Supervision, and Public Relations," and is part of a three-phase program leading to certification.

Bolton Sets New Job Ads
BOLTON - Even though 46 persons originally applied for the position of the town's administrative assistant, the Board of Selectmen will be re-evaluating for applicants.

First Selectman Henry Ryba said some of the original applicants were not interested in working for the Town of Bolton, some the town wasn't interested in, and several of the candidates who were contacted, after being recommended by the Administrative Assistant Selection Committee, said they had taken jobs elsewhere.

Applications will be accepted until Oct. 31.



Gymnast at Rotary

Buffy Clark flies high as she demonstrates her gymnastic skills for the Manchester Rotary Club Tuesday noon at the Manchester Country Club. Other members of the Manchester Gymnastics School for Girls who performed at the Rotary Luncheon include Mary Mayhew, Kim Stuka and Edie Mickey. (Herald photo by Adamson)

Campaign Breakfast Set

MANCHESTER - Politics and pancakes will be on the menu sponsored a political event that will participate in classes sponsored by the Vernon Continuing Education Department.

The Vernon Adult School will start classes Sept. 24, 25, and 26 at Rockville High School and the Adult Education Center on Route 30. Registrations are still being accepted for some classes.

There are openings in the Co-Ed Fitness, drawing, English as a second language, high school review, interior design, leaded glass workshop, sewing, shorthand I, water color, and woodcarving. These classes meet on Monday nights.

Openings in Tuesday classes include auto maintenance II, "Getting to Know Yourself Better," gourmet cooking II, multi crafts, physical fitness for women, quilting, sign language and upholstery.

There are also openings in the following Wednesday classes: Custom drapery making, multi crafts, oil painting II, physical fitness for women, shorthand refresher, tating, programming workshop, and Tole decorative painting.

Adults interested in registering for any of these courses may do so before the start of classes that day or evening.

For general information contact the Continuing Education office or the Adult Education Center.

Shepherd Heads Group

BOLTON - Former selectman, Ernest Shepherd, has been named head of the greens beautification program by the Board of Selectmen.

The program will be administered by the parks director and money for it will be budgeted in the parks budget, the selectmen said.

Shepherd asked the board Tuesday night, for a supplemental appropriation of \$750 to buy trees and a memorial plaque. The appropriation also has to be approved by the Board of Finance and a town meeting.

Plans for the beautification of the town greens were drawn up by University of Connecticut students, last year and accepted by town officials.

Plans for the beautification of the town greens were drawn up by University of Connecticut students, last year and accepted by town officials.

DO SOMETHING NICE FOR THE PUPILS IN YOUR FAMILY:

\$24.75

BACK-TO-SCHOOL EYEGLASSES.

Here's a great way to make sure your children start off the school year right. Get them children-size frames with tough Hallweights® brand lenses - for just \$24.75. Every children-size frame we sell occupy All-American Sports frames are included in this offer with clear single vision lenses. Hurry though, because the offer expires October 31, 1979.

MANCHESTER Parkade Shopping Ctr. Tel. 643-4259
For other locations call toll-free 800-325-6400.

Foster Children Ignored

HARTFORD (UPI) - Many of the thousands of children placed in Connecticut foster homes slip through bureaucratic cracks because there aren't enough case workers to keep track of them, says a foster care consultant.

Jane Knitzer of the Children's Defense League Washington said the average foster home stay in Connecticut is six years. The problem, she said, is cases are not reviewed often enough because there aren't enough social workers.

She urged the 38-member Task Force for Foster Children, which held its first meeting at the governor's mansion Wednesday, "to make the state responsible a reality, not just rhetoric."

Statistics show two-thirds of the children placed by the DCYS have been in foster care for two years or more. Of that number, more than 40 percent have had three or more placements.

VFW To Meet
MANCHESTER - The World War I (WWI) Barracks 786 and Auxiliary will hold their monthly meeting Monday, September 23 at the Veterans of Foreign Wars (VFW) home on East Center Street at 2 p.m.

Light refreshments will be served following the meeting.

Mayfair Gardens
MANCHESTER - All residents of Mayfair Gardens are invited to play set-back Friday at 7:30 p.m. in Cronin Hall.

South Methodist
MANCHESTER - The Thursday Night Prayer and Study Group of South United Methodist Church will meet tonight at 7:30 at 224 Indian Hill Trail, Glastonbury.

The education committee of the church will also meet at 7:30 at the church.

Center Church
MANCHESTER - The Center Church congregational Church council will meet tonight at 7:30 in the Robins Room of the church.

North Methodist
MANCHESTER - The caring and communication network messengers of North United Methodist Church will meet tonight at 7:30 at the church.

Trim Fashions
Specializing Exclusively in Sizing for Plus-Size Fashionists

Where fashion is a look, not a size
Special Sizes 12 1/2 to 28 and 38-52

THE BLAZER SUIT
GREAT WAYS TO TIGHTEN YOUR TOTAL FALL LOOK
ALSO-MATCHING BLACKS (NOT SHOWN.)

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WETHERSFIELD SHOPPING CENTER
SILAS DEANE HIGHWAY, 529-0431

LAST MARCH, WE STARTED FIGHTING INFLATION BY LOWERING PRICES UP TO \$250. NOW WE'RE FIGHTING EVEN HARDER. THE SINGER FALL SALE.

The Singer Machine 834 - Now \$89.95
\$95 LESS THAN LAST YEAR
(\$55 OFF LAST YEAR'S REG. PRICE. SAVE \$40 MORE AT THE FALL SALE.)

This year, when the cost of almost everything went up, the cost of a Singer sewing machine came down. We lowered prices on many of our machines - on one model as much as \$250.

And now we're reducing some of them even more. At the Singer Fall Sale.

There's never been a better time to save on a Singer sewing machine, whether you're interested in our most advanced Touch-Tonic memory machines* (which give you up to 27 stitches at the touch of a button), our versatile Creative Touch Fashion* machines or the more basic Stylist machines. Within each category, you can buy a machine for less than you could one year ago.

And today, with the cost of clothing skyrocketing, sewing makes more sense than ever. Because with a Singer machine you can create up-to-date fashions for your whole family for less than half the cost of ready-made clothes.

So come in to the Singer Store right now, during our great Fall Sale. And find out just how much you can save by keeping in style with Singer.

The Touch-Tonic 2001 Memory Machine Now \$89.95
\$99 LESS THAN LAST YEAR.

The Creative Touch Fashion Machine 1030 - Now \$449.95
\$200 LESS THAN LAST YEAR.

THE FALL SALE
THE SINGER STORE
WHERE SAVING IS ALWAYS IN STYLE.
856 MAIN ST., MANCHESTER 643-4305

\$250 LESS THAN LAST YEAR.

*This machine is not on sale. Price shown is our regular price. Prices and credit plans optional at participating dealers. Excludes all other Singer products. Excludes all other Singer products. Excludes all other Singer products.

Officials Suggest Public Be Allowed to Cut Wood

MANCHESTER - Three town officials will propose to the Board of Directors, at their Tuesday night meeting, that the public be allowed to chop trees in municipal forest land and they will ask the board to be allowed to cut the wood.

Town Forest Manager George Murphy, Public Works Director Jay J. Giles and Sewer Administrator Frank Jodanis will be raising questions at the meeting, about administration of the proposed public access to town water shed grounds.

Jodanis last week said one concern would be liability problems with people wandering the town land. Giles said Wednesday, "I assume will follow the same system the state has. They have people sign a waiver form" so the state will not have to assume responsibility, said Giles.

Giles said "one main question is who should be allowed to cut the wood, town taxpayers or Manchester Water Department customers." Giles said the latter would allow Glastonbury residents, who are hooked into the Manchester water system, to get permits.

Giles said the Glastonbury customers "should be given some consideration." He predicted 250 Glastonbury families would seek a permit.

"I expect a lot of people from Manchester will want a permit and we'll have to limit it very quickly. The state has a waiting list of two years," said Giles who said it would be Murphy's responsibility to decide how many permits could be handled at different times.

But Giles said the process could be "self policing" with specific trees marked out for cutting. "If I cut in your area you'd probably report me," said Giles, explaining how the system could work.

Students Trying For Scholarship

MANCHESTER - Three students from Manchester High have been chosen National Merit Scholarship semifinalists, and, as such have a chance at a \$1,000 scholarship sponsored by the National Merit Scholarship Corp., Evanston, Ill.

The students are Gary Selinger, Linda Hewitt, and Graham K. Campbell.

Selinger, 10 Downey Drive, Manchester is the current news editor of High School World and a member of the Rotary Club of Manchester. He has received peer honors for being the Boys State delegate, and he has received the Yale Club book award, Lyne Foran memorial award for excellence in Spanish and he was nominated by the English Dept. for a writing achievement award.

Hewitt, 103 Carpenter Road, participates in chorus, the current affairs club and the medical club at the high school. She has participated in the all-state orchestra and plays the viola for the Manchester Symphony Orchestra. Ms. Hewitt plans a career in medicine.

Campbell, 49 Broad St., Manchester, is a member of the Second Congregational Church Youth Group. His outside activities include tennis and scuba diving. He is a member of the Deep Sixer's Diving Club. His future plans include four years of college pursuing an engineering degree.

Wetlands Panel OKs Two Lots in Andover

ANDOVER - Two adjoining lots on Lake Road are acceptable for building the town's Wetlands Commission told Stephen Madegosky of Simsbury.

Madegosky was seeking approval to build a home on the combined lots.

There is however, a possible problem concerning the lots. Combined, they lack the 200 foot road frontage mandated under current zoning regulations. Each lot has only 50 feet of road frontage.

The Wetlands Commission gave approval because the property doesn't lie in wetlands. Percy Cook, building inspector, has the right to determine whether or not property is part of a wetlands area because some areas specified on the wetlands map aren't actually wetlands.

PZC Mulls Long-Range Plan
The Planning and Zoning Commission is continuing to discuss the proposed long-range plan of development for Andover.

The PZC is reviewing the impact of Interstate 84 on the business district, the areas designated as business districts on Route 6 and the question of increasing the size of building lots.

Residents will be given the opportunity to comment on the plan when the PZC has finished preparing it.

Firemen in Coventry Can Use Water Hole

COVENTRY - In compliance with the state statutes, the Town Council has voted to approve the request of the Volunteer Fire Association to use the water hole in front of the station.

The council has to take this action each year to be in compliance with the statutes concerning the liability as to use of water holes.

The statutes state that any town or any property owner on behalf of the town may construct or maintain open water holes for the purpose of providing fire protection for the town.

The statutes also provide that the town or the property owner won't be held liable as a result of injury to any person arising out of the maintenance of the water hole, provided it has been approved by the fire-fighting organization and the town, and provided the approval is put in writing.

The council approved the use of the water hole and instructed the town manager to indicate his approval in writing, to the property owner on the premises on which the water hole is located.

Constitution Week Noted

VERNON - This week is being observed as Constitution Week according to a proclamation by Mayor Frank McCoy.

The proclamation, which urges all citizens to pay special attention to the Constitution, is sponsored by the Daughters of the American Revolution, Captain Noah Grant Chapter.

The Daughters of the American Revolution are represented in sponsorship of the proclamation by Mrs. Daniel Szalant, chairman of Constitution Week, and Mrs. Lewis Miner, regent of the Captain Noah Grant Chapter.

Officials Suggest Public Be Allowed to Cut Wood

MANCHESTER - Three town officials will propose to the Board of Directors, at their Tuesday night meeting, that the public be allowed to chop trees in municipal forest land and they will ask the board to be allowed to cut the wood.

Town Forest Manager George Murphy, Public Works Director Jay J. Giles and Sewer Administrator Frank Jodanis will be raising questions at the meeting, about administration of the proposed public access to town water shed grounds.

Jodanis last week said one concern would be liability problems with people wandering the town land. Giles said Wednesday, "I assume will follow the same system the state has. They have people sign a waiver form" so the state will not have to assume responsibility, said Giles.

Giles said "one main question is who should be allowed to cut the wood, town taxpayers or Manchester Water Department customers." Giles said the latter would allow Glastonbury residents, who are hooked into the Manchester water system, to get permits.

Giles said the Glastonbury customers "should be given some consideration." He predicted 250 Glastonbury families would seek a permit.

"I expect a lot of people from Manchester will want a permit and we'll have to limit it very quickly. The state has a waiting list of two years," said Giles who said it would be Murphy's responsibility to decide how many permits could be handled at different times.

But Giles said the process could be "self policing" with specific trees marked out for cutting. "If I cut in your area you'd probably report me," said Giles, explaining how the system could work.

Students Trying For Scholarship

MANCHESTER - Three students from Manchester High have been chosen National Merit Scholarship semifinalists, and, as such have a chance at a \$1,000 scholarship sponsored by the National Merit Scholarship Corp., Evanston, Ill.

The students are Gary Selinger, Linda Hewitt, and Graham K. Campbell.

Selinger, 10 Downey Drive, Manchester is the current news editor of High School World and a member of the Rotary Club of Manchester. He has received peer honors for being the Boys State delegate, and he has received the Yale Club book award, Lyne Foran memorial award for excellence in Spanish and he was nominated by the English Dept. for a writing achievement award.

Hewitt, 103 Carpenter Road, participates in chorus, the current affairs club and the medical club at the high school. She has participated in the all-state orchestra and plays the viola for the Manchester Symphony Orchestra. Ms. Hewitt plans a career in medicine.

Campbell, 49 Broad St., Manchester, is a member of the Second Congregational Church Youth Group. His outside activities include tennis and scuba diving. He is a member of the Deep Sixer's Diving Club. His future plans include four years of college pursuing an engineering degree.

Wetlands Panel OKs Two Lots in Andover

ANDOVER - Two adjoining lots on Lake Road are acceptable for building the town's Wetlands Commission told Stephen Madegosky of Simsbury.

Madegosky was seeking approval to build a home on the combined lots.

There is however, a possible problem concerning the lots. Combined, they lack the 200 foot road frontage mandated under current zoning regulations. Each lot has only 50 feet of road frontage.

The Wetlands Commission gave approval because the property doesn't lie in wetlands. Percy Cook, building inspector, has the right to determine whether or not property is part of a wetlands area because some areas specified on the wetlands map aren't actually wetlands.

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CHOICEST MEATS IN TOWN

KRAKUS IMPORTED CANNED HAM	3 LB.	\$5.99
BEEF ROUND BACK RUMP ROAST	LB.	\$2.39
EYE ROUND ROAST	LB.	\$2.59
BEEF ROUND CUBE STEAK	LB.	\$2.39
BEEF BOTTOM ROUND ROAST	LB.	\$1.89
CENTER CUT BOTTOM ROUND ROAST	LB.	\$2.19
WEAVER DUTCH FRYE CHICKEN ROAST	22 OZ.	\$2.69
BARBER'S CHICKEN KIEV	14 OZ.	\$2.59

Deli Department Specials

IMPORTED DANISH FONTINA	\$2.49
TOBIN'S DOMESTIC COOKED HAM	\$2.19
COOPER CV SHARP CHEESE	\$2.19
TOBIN'S GOURMET TURKEY BREAST	\$2.99
WUNDERBAR GERMAN BOLOGNA	\$1.49
TOBIN'S OLIVE or P&P LOAF	\$1.89
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ASSTD VAR. GILLETTE FOAMY	11 OZ.	\$1.09
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MOTT'S APPLE JUICE	.64 OZ.	\$1.19
BUCHWEATS CEREAL	15 OZ.	99¢
PEIFFER'S ASSTD. DRESSINGS	.8 OZ.	49¢
NESTLE'S CHOC. MORSELS	.12 OZ.	\$1.59
CRISCO OIL	24 OZ.	99¢
DOWNEY FABRIC SOFTNER	.64 OZ.	\$1.79
SWEET LIFE - IN BROTH WHITE TUNA	7 OZ.	89¢

Garden Fresh, Produce Specials

FRESH, BUTTERNUT or ACORN SQUASH	LB.	15¢
RUSSET BAKING POTATOES	5 LB. BAG	79¢
TENDER, SWEET CARROTS	LB. PKGS.	2:39¢
JUICY, DELICIOUS BOSC PEARS	LB.	39¢

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SEALTEST HANDEE POPS	18 CT.	99¢
NEWTON FARMS ORANGE JUICE	12 OZ. CAN	69¢
GREEN PEPPERS	15 OZ.	\$1.59
NORTON HONEY BUNS	6 OZ.	59¢
MARGARINE	18 OZ.	79¢
BORDEN'S "COUNTRY STORE" CHEDDAR	8 OZ.	99¢
STOUFFER'S LASAGNA	21 OZ.	\$1.99
BORDEN'S CHEESE SINGLES	18 OZ.	\$1.59
SEALTEST FOGURT	10 OZ.	79¢
MURPHY ICE MILK	10 GAL.	99¢

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20 SEP 20

Nursing Board Probes Test Cheating

HARTFORD (UPI) — The state Board of Examiners for Nursing says it will investigate any reports of cheating on a license test for registered nurses, but says there has been no evidence so far that anyone had advance knowledge of the exam questions.

The board reviewed the results of its test following numerous reports in other states that copies of the licensing test were sold before it was given in July.

It said licensing officials in other states in the Northeast also are reviewing the results.

"We saw no evidence whatsoever that there were any security breaks or any irregularities in the exam given here," Chairwoman Bette Murphy said Wednesday.

But she and other board members

stressed they will investigate further if any allegations of cheating scandal come to light.

The review followed about two dozen reports that tests had been sold in advance in New York, Chicago, Detroit, Philadelphia and other cities.

But after comparing this year's test scores with those from previous years, the board voted unanimously to uphold the results of the national licensing examination which was taken by 1,161 Connecticut residents.

New York state nursing officials ordered a re-test last weekend because of allegations that copies of the exam had been sold in advance for between \$300 and \$2,000.

If results of the national test are invalidated elsewhere, candidates who

passed the exam in Connecticut probably would have to take it again to be licensed in such states, Mrs. Murphy said.

The test is purchased by all examining boards from the National League for Nursing and is accepted nationally.

Mrs. Murphy said Connecticut's test was given "under lock and key" July 10 and 11 at two locations in Hartford.

State candidates who passed the exam will be licensed in Connecticut, the board said.

But it said those who took the test in Connecticut and are seeking licensing in New York will have to take the test again.



Constitution Week

Mayor Stephen Penny looks pleased as he joins Mrs. Edwin Darling, member of the Daughters of the American Revolution, in proclaiming Sept. 17 through the 23 Constitution Week in Manchester. The VFW Auxiliary, headed by President Heresa Varney, donated the flag in anticipation of Constitution Week. The DAR is urging citizens to read the constitution. (Herald photo by Pinto)

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Housing Sought For Old Woman

By CHARLIE MAYNARD
Herald Reporter

MANCHESTER — Housing Authority commissioners heard an impassioned plea Wednesday night to provide suitable housing for an 83-year-old woman living in a one-room apartment above a downtown store.

The commissioners promised to do all they could for the woman, but argued there were many other elderly residents in similar or worse situations.

Two employees at the House and Hale clothing store told the authority about Nellie McQueen, a Manchester native who has been living above the store. Her arthritic condition, the women said, makes it impossible for her to get up and down the stairs.

Jane Galeucia, of 17 Westwood St., asked if better housing could be provided for Miss McQueen this month.

Dennis Phelan, executive director of the authority, said alternate housing could not be arranged this month, but maintained she could be given preferential treatment under the newly-adopted admissions and occupancy policy.

The commissioners later voted unanimously to adopt the policy and agreed "to give preference to elderly and handicapped Manchester residents with urgent housing needs."

Chairman Pascal Mastrangelo said he was sympathetic to Miss McQueen's plight, but declared other residents had unstable housing as well.

"Suppose we have someone on the present list who is number 200," he said, "and has circumstances worse than Miss McQueen's?"

"This policy isn't just for Nellie McQueen," replied Phelan. "It's for every elderly and handicapped resident with urgent housing needs."

Mrs. Galeucia said the woman was sharing a central bathroom with 11 other tenants. Miss McQueen is expected to have a kneecap operation, she said, and cannot use the stairs to the apartments. She takes the elevator during the daytime when the store is open. Mrs. Galeucia said, but is unable to go out on weeknights or weekends when the store is closed.

Her remarks were endorsed by another House and Hale employee, Anita Massolini, of 1 Carter St. W.

"Please consider her, said Mrs. Massolini. "Other people have families. Nellie has absolutely nobody."

Expanded Office Slated for MHA

MANCHESTER — Plans for the expansion and alteration of the Housing Authority office on Bluefield Drive will be submitted to the proper agency, an architect told the commissioners Wednesday night.

Richard Lawrence, of Lawrence Associates, said he would submit plans to the department of Housing and Urban Development after a couple of minor changes. If HUD approves, Lawrence said he could go out to bid with the project and perhaps have the results at next month's meeting.

The Housing Authority received a \$105,000 grant to complete the work, but Lawrence said he was concerned about the rising construction costs since the original estimate was made last Jan. 29. Lawrence said most contractors are feeling the ripple effect of soaring petroleum prices. Petroleum is used to manufacture many construction products.

New construction at the building will total \$55,000 he said, and the costs for roofing and insulation is \$15,000. The work is to expand the office and downstairs maintenance facilities at the authority.

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<p>SAVE 3.00 21.99 each WHITE ALUMINUM COMBINATION WINDOWS Self-sealing glass and screen panels fit in for easy cleaning. 10 stock sizes available.</p>	<p>SAVE 7.00 17.99 each BLADE TELESCOPE POLE PRUNER REACHES 18 FT. The safe, lightweight, expandable tree pruner with "saw-grip" and outstanding cutting steel blade. Assembled. No. 7007.</p>	<p>SAVE 2.00 7.99 each LOFTS PERENNIAL EYE GRASS SEED Germinates quickly for a lush green lawn. Fill in bare spots now. 10 lb. bag.</p>	<p>SAVE 60.00 139.99 each SUNBEAM 19" REAR-RADING ELEC. MOWER Crank, chain-drive deck with simple lever height adjustment. Grass catcher FREE with purchase. No. 320X.</p>	<p>SAVE 30% 69.99 each PLASTIC LAWN AND LEAF TRASH BAGS 1.25 mil. thick bags hold up to 5 bushels and fit 33 gallon cans. 7 bags per package. No. HA824183</p>	<p>SAVE 3.00 8.99 gallon SAPOLIN FASHION COLOR FLAT LATEX WALL PAINT Covers in 1 coat, dries quickly to a washable finish. Colors: SEMI-GLOSS. Reg. 12.99. 1.09 gallon.</p>
<p>SAVE 5.00 14.99 each 5 SHELF STORAGE UNIT HELPS TO END CLUTTER This heavy duty 36" x 16" x 20" unit is easy to assemble with a screwdriver and ideal for workshop, garage and more. No. 516.</p>	<p>SAVE 10.00 44.99 each STANDARD 24" W x 22" D FORMICA VANITY BASE Brighten your bathroom with this vanity available in white, Roman marble, pink or blue marble.</p>	<p>SAVE 8.00 21.99 each GLEAMING STAINLESS STEEL KITCHEN SINK 22" x 25" sink is self-rimming for easy installation. No. PS324. DOUBLE BOWL SINK. No. PS332. Reg. 39.99. 31.99</p>	<p>SAVE 30.00 199.99 each AIR-TIGHT SCANDIA STOVE HEATS 2500-4000 CU. FT. Pragmatic, fire-brick lined and meets BOCA & UL safety standards. Complete with heat shield and spark guard. No. 250.</p>	<p>SAVE 4.00 10.99 each 40" DIAMETER BLACK STEEL LOG HOOP Easy to assemble log hoop has a black baked-on Super Coat finish. Metal ends have plastic caps. No. 1174.</p>	<p>SAVE 5.00 19.99 each 27" x 5/8" WELDED STEEL HEAT BOOSTER GRATE Increases the heating efficiency of your fireplace. Durable black finish. No. 562718.</p>
<p>SAVE 3.00 16.99 each ONE PIECE STEEL CAR RAMP SET Built-in wheel well fits all size passenger tires. Supports 5000 lb. gross vehicle weight.</p>	<p>SAVE 15.00 44.99 each OREGON SPLIT-SWIV LOG SPLITTER Drop-forged steel wedge easily splits logs to 24" long when struck with metal or sledge. No. 25870.</p>	<p>SAVE 6.00 12.99 each STANLEY 6 L.B. MAUL WITH HICKORY HANDLE Has Oregon pattern block finished head, polished bit and "Blue-Tempered" face. No. 56-800.</p>	<p>SAVE 4.00 13.99 each WUTONE ROTARY BATHROOM EXHAUST FAN Moves 50 cu. ft. of air per minute. Easily installs in ceiling or walls. White polystyrene grille. No. M308.</p>	<p>SAVE 5.00 9.99 each 40 WATT FLUORESCENT 2 LIGHT SHOP LIGHT Complete with 3-wire cord, plug and hanging hardware. U.L. approved. Bulbs not included. No. NER-248RS.</p>	<p>SAVE 1.00 1.99 each 18" OUTDOOR BROOM FOR FAST, EASY CLEAN-UPS Featuring durable, heavy gauge plastic bristles and a 34" long wood handle. No. 18.</p>
<p>SAVE 1.40 2.89 each 1/2" x 10' M-TYPE COPPER WATER TUBING 10 lengths of copper tubing are uniform and of high quality for your plumbing needs.</p>	<p>SAVE 1.66 3.33 each TRASH BAGS 50 bags in a convenient one-at-a-time dispenser pack fit 26 gallon trash cans. No. HA82020.</p>	<p>SAVE 1.66 3.33 each TRASH CAN LINERS 50 bags in a convenient one-at-a-time dispenser pack fit 26 gallon trash cans. No. HA82020.</p>	<p>SAVE 2.00 5.99 gallon MR. OUTSIDE WHITE LATEX HOUSE PAINT A quick covering, building formula for wood, masonry and brick. Available in white only.</p>	<p>SAVE 2.00 5.99 gallon MR. OUTSIDE WHITE LATEX HOUSE PAINT A quick covering, building formula for wood, masonry and brick. Available in white only.</p>	<p>SAVE 2.00 5.99 gallon MR. OUTSIDE WHITE LATEX HOUSE PAINT A quick covering, building formula for wood, masonry and brick. Available in white only.</p>

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20 SEP 20

Anniversary

Dr. and Mrs. Harry Krupp of 10C Ambassador Drive, Manchester, will observe their 50th wedding anniversary on Sept. 23, 1929 in Hartford.

The couple resided in Wallingford for most of their married life, moving to Manchester in May 1977. Mrs. Krupp is the former Edith Falk. Dr. Krupp is a retired dentist. Mrs. Krupp is active in civic affairs. Hadasash, and Sisterhood of Temple Beth Shalom.

The couple was feted at a party on Sept. 16 at the home of their son.



Dr. and Mrs. Harry Krupp

Wedding

Haney-Briggs

Patricia Briggs of Manchester and Timothy Haney of Newton Highlands, Mass., were married Sept. 8 at St. James Church in Manchester.

The bride is the daughter of Mr. and Mrs. C. Donald Briggs Jr. of 84 Timber Trail, Manchester. The bridegroom is the son of Mrs. Kathryn Haney of Easton, Pa., and the late Paul Haney.

The Rev. Thomas Barry of Hartford celebrated the nuptial mass and performed the double-ring ceremony. The bride was given in marriage by her father. The bride wore her mother's wedding gown.

Ms. Christine Briggs of Boston, Mass., the bride's sister, was maid of honor. Bridesmaid was Ms. Barb Peterson of Nashua, N.H.

Thomas Haney of Menlo Park, Calif., was his brother's best man. Ushers were Donald Briggs of Brighton, Mass., and Jeffrey Briggs and James Briggs, both of Manchester and all brothers of the bride.

A reception was held at The Colony in Vernon. The couple will reside in Newton Highlands.

Mrs. Haney is employed as a teacher-counselor at Boston Community Schools. Mr. Haney is an attorney for the Rhode Island Federal District Court. (Naylor photo)



Mrs. Timothy Haney

Engaged

Fish-Calef

The engagement of Miss Linda Joyce Fish of Bolton to Bruce Alan Calef of Hartford has been announced by her mother, Joyce B. Fish of 302 Cedar Mill Road, Bolton. She is also the daughter of the late Arthur E. Fish.

Mr. Calef is the son of Mr. and Mrs. Glendon G. Calef of Dixfield, Maine.

Miss Fish graduated from Bolton High School and is employed at Travelers Insurance Co. Mr. Calef graduated from Penney High School in East Hartford. He is employed at Westinghouse Electric Corp. in Windsor.

The couple is planning a Dec. 1 wedding at Calvary Temple in West Hartford. (Parkington photo)



Linda J. Fish and Bruce A. Calef

Births

Popeik, Erica Mary, daughter of James M. and Marilyn Contos; Popeik of 142 Vernon Ave., Rockville. She was born Sept. 8 at Rockville General Hospital. Her maternal grandparents are Mr. and Mrs. Richard Contos of 9 N. Park St., Rockville. Her paternal grandmother is Mrs. Louis Popeik of 20 Fox Hill Drive, Rockville.

Klar, Jonathan Ryan, son of Mr. and Mrs. John E. Klar of Vernon. He was born Sept. 10 at Rockville General Hospital. His maternal grandparents are Mr. and Mrs. Ernest P. Lewis Jr. of Vernon. His paternal grandparents are Mr. and Mrs. Eric Klar of New Port Richey, Fla.

Booth, Larry Russell, son of Lawrence W. and Suzanne L. Booth of Coventry. He was born Sept. 13 at Rockville General Hospital. His maternal grandparents are Mr. and Mrs. Richard Galinat of Coventry.

Borovicka, Bethany Lio, daughter of John and Linda English Borovicka of Vernon. She was born Sept. 12 at Rockville General Hospital. Her maternal grandparents are Dr. and Mrs. Walter Gelmer of New London and Roger English of Willimantic. Her paternal grandparents are Mr. and Mrs. Henry Borovicka of West Wallington.

Harvey's OF MANCHESTER CALDOR SHOPPING PLAZA/ TOLLAND TURNPIKE. SAVE-SAVE-SAVE ON YOUR FALL WARDROBE. WOOL BLAZERS, 100% WORSTED WOOL PLAID SKIRTS, PLAID PLEATED SKIRTS.

Dentist to Address ABWA

Cathleen Irene Kowalski, D.M.D., of Manchester, will be the guest speaker at a meeting of the Abingdon Branch, American Business Women's Association, on Monday at 6:30 p.m. at Willie's Steak House in Manchester. Dinner will be served at 7.

Dr. Kowalski graduated from Regis College in Weston, Mass., and from the University of Connecticut School of Dental Medicine. She was accepted for early tracking in pediatric dentistry at the University of Connecticut Health Center in Farmington in 1975 and received a certificate in pediatric dentistry.

She is currently a clinical associate at the UConn Health Center, Department of Pediatric Dentistry and is affiliated with Manchester Memorial Hospital. She has offices at 452 Tolland Turnpike, Manchester.

She is a member of the American Dental Association, American Academy of Pedodontics, American Society of Dentistry for Children, Connecticut State Dental Association, Connecticut Society of Dentistry for Children, Central Connecticut Pedodontic Study Club, Manchester Dental Society and Tolland County Dental Society. She and her husband, Stephen R.

Quatrocchi, D.M.D., reside at 29 Bishop Drive, Manchester.



Penicillin was discovered by Sir Alexander Fleming by accident in 1928 when some fungus fell into a preparation of bacteria Fleming was about to throw away. He noticed no bacteria grew there.

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Washington Merry-Go-Round

Coffee Price Rigging Costs U.S. Twice the Price

By JACK ANDERSON WASHINGTON There's apparently no end to the international cartels that rig the price of coffee. The astronomical rise in coffee prices a few years ago was blamed on the so-called "black frost" in Brazil. We reported earlier that the Great Coffee Shortage really wasn't as bad as the coffee producers claimed — that, in fact, it was partially contrived as a means of justifying the huge price increase. Once the "black frost" crisis was over, coffee supplies increased and prices began dropping somewhat. They began dropping, that is, until a few months ago, when the major U.S. coffee companies adopted significant increases in the wholesale price of ground coffee. They took the action in response to a 20 percent hike in prices by Brazil, which grows about one-third of the world's coffee beans. The Brazilians once again blamed a frost — though admitting it was not as serious as the one in 1975. But sources told our associate Gary Cohn that the price rise was primarily caused by the market manipulations of the international coffee cartel. This gang of board room bandits is known as the "Bogota Group," after the capital of Colombia, home of the fictitious bean-picker Juan Valdez of the coffee commercials. But the extra dollar or more per pound paid by American coffee lovers doesn't go to the Juan Valdezes of the world. Crop failures simply mean hard times for the coffee plantation workers. The Bogota Group's main reason for existence is to see that the price of coffee stays high even when market conditions should dictate a drop. The coffee cartel was described to us by one source as "a mini-OPEC." And like the oil exporting countries, the Bogota Group's primary target is the American consumer. With a multimillion-dollar slush fund, the cartel buys and sells coffee on the international commodities market to ensure that the price stays up. So whether you take one lump or

two, one thing is certain: You'll keep getting your lumps from the coffee cartel. Condo Crunch "Condominium fever," which has struck down many low-income tenants of urban apartment buildings, is now threatening the elderly and other inflation-whipped Americans in the nation's suburban mobile home parks. Owners of many of these parks, which rent small plots of land and provide utilities to owners of mobile homes, have begun to convert their holdings to condominiums. If the residents can't come up with the \$20,000 or more to buy their little lot, they must — like their apartment-renting counterparts in the cities — pack up and get out. But city folks evicted by condo conversion have an advantage over their country cousins: They haven't invested their life savings in improvements on their apartments. The owner of a mobile home may have sunk \$30,000 or more in his property. Moving isn't as easy as it sounds. Despite its name, a mobile home is not readily or cheaply moved. This is especially true of older homes, which have virtually taken root after many years at the same location. The cost of moving a mobile home to a new location can in many cases be \$5,000 or more. And even then, there is often no place to go, for most trailer parks will not accept new tenants whose mobile homes are more than two or three years old. Usually the residents of mobile home parks are disorganized and helpless in the face of an owner's conversion move. But at least one park — Rancho Marieta Mobile Village near Sacramento, Calif. — has seen its tenants unite to fight the condo threat. Most of the village's mobile home owners are elderly, eking out a living on Social Security or other pensions. Many are handicapped. They have to hire a lawyer and are trying to block the proposed conversion through the zoning laws. The final bitter irony, of course, is that even if they win, they'll lose. Thomas R. Henderson, president of the development company that plans the conversion to condominiums, told us that if the change is not allowed, he'll just have to raise the tenants' rent on the lots. Washington Whirl Joseph Califano's departure from the Department of Health, Education and Welfare was so abrupt he left a few mementos behind. One of the diminutive workaholic's souvenirs, unmarked by aides to his successor, Patricia Harris, was an interesting little log book. In addition to noting all the meetings Califano had attended as HEW secretary, the log contained tips on where to stand to get the best media coverage, how and where to position himself for press photos and similar publicity-conscious notations. Not for nothing was Califano nicknamed "Broadway Joe." Copyright 1979, United Feature Syndicate, Inc.

Manchester Evening Herald Manchester — A City of Village Charm Founded Oct. 1, 1881. Published by the Manchester Publishing Co., Herald Square, Manchester, Conn. 06040. Telephone: (203) 643-2711. In Washington Business Victim Of Mideast Role

By MARTHA ANGLE and ROBERT WALTERS WASHINGTON (NEA) — President Carter's widely acclaimed decision to play a pivotal role in negotiating an Egyptian-Israeli peace treaty has claimed an unexpected victim. Business opportunities for American corporations are dwindling rapidly in the Middle Eastern countries that are hostile to the terms of the peace treaty. That little-noticed development, first reported by the Financial Times of London in its World Business Review, has been confirmed by unhappy government officials here. Vast amounts of money are involved because many of the nations bordering on the Persian Gulf are spending their new-found oil wealth on massive public works projects that often cost hundreds of millions of dollars apiece. Included in that category are nationwide highway networks, telephone systems and power grids as well as pipelines, refineries and petrochemical facilities to maximize domestic utilization of the region's vast oil resources. The recent chilliness is evident even in Saudi Arabia, a nation traditionally sympathetic to the United States and the temporary home of approximately 35,000 Americans, many of them employees of U.S. contractors. Construction contracts in the region were estimated at \$23 billion last year — but the U.S. share was only 3 percent, compared with 9 percent of the total only three years earlier. Much of the business lost by Americans has gone to Japanese, South Korea, Japan, Taiwan and India, as well as various European countries. Better Stick to Weather Some predictions of things to come: Space explorers from Earth will reach Mars by 1992. A woman will be elected president in the same year. American troops will be fighting a war in Africa in 1985. If you believe these forecasts, here's another from the same group of present prognosticators: Gasoline won't reach the dollar-a-gallon level until 1982. Omni, a magazine that attempts to popularize science and future-related subjects, last October asked its readers to predict when a variety of events might occur. Claiming that approximately 20,000 responses were received, the publication last March released the findings as curator of the future. The predictions covered everything from nuclear war with the Soviet Union to the cloning of a human. But the abysmal lack of foresight on gasoline prices suggests that mere mortals ought to stick to predicting tomorrow's weather.



"Here's a late bulletin — power failure at the sausage plant."

Letter to the Editor Village Loiterers Not All Bad No Reason for Oil Price Hikes

Yesterdays 25 Years Ago More than 200 attend the dedication of the new Church of the Assumption. 10 Years Ago Dr. John R. Eddy leaves his private practice to become an underwriter at the Connecticut Mutual Life Insurance Co. Miss Pamela Wurga assumes her duties as curator of education at Lutz Junior Museum. Raymond Hennequin retires after 27 years service with the Town Fire Department. The newly organized Youth Commission has its first meeting at the Municipal Building's Hearing Room. Thoughts "Therefore I tell you, do not be anxious about your life, what you shall eat or what you shall drink, nor about your body, what you shall put on. Is not life more than food, and the body more than clothing?" (Matt. 6:25) We live in a time of great stress and anxiety and there are many people who constantly worry. The Lord is aware of this and encourages us not to spend our time in this pattern. He asks us to notice in nature the birds who neither plant nor reap but are fed — and the flowers about us which do not make clothes yet are dressed in a beauty surpassing much of what we have. If God cares for them how much more will he provide for us if we only trust Him. This does not mean we shouldn't work and be careful, but does say we should not be overly concerned about food and clothing, or our material possessions. The scriptures ask us to "cast your care upon Him for He cares for you."

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Quotes "Bombs should not upset you. You are living in a time of bombs." — Laila Lebron, freed by President Carter after being jailed since 1954 for her part in a Puerto Rican terrorist shooting at the House of Representatives. Unrepentant, she called for an independent Puerto Rico. "While all other doctors were reading their morning mail, I was eating mine." — Dr. Theodore Clark, a Plainfield, N.J., psychiatrist, testifying at a U.S. Senate hearing in Washington on abuse of Valium — America's top-selling prescription drug. Clark received drug samples from pharmaceutical firms. "You can't get the Arab opinion by sitting and talking with Jews." — Moshe Dayan, Israeli foreign minister, replying to criticism of his talks with Palestinian leaders including reported terrorist sympathizers — in the occupied West Bank and Gaza Strip.

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Obituaries

Robert M. Kauffman VERNON - Robert Michael Kauffman, 19, of 502 Mount Vernon Apts., who had been in critical condition at Rockville General Hospital since Monday when he was found unconscious in his burning apartment, died Wednesday.

The youth was born July 27, 1960 in Manchester and had been employed in the heat treatment department of the Klock Mig. Co., Manchester. He is survived by his mother, Mrs. Joan Ellen Maynes of Bolton; his father, Gordon L. Kauffman of Jacksonville, Fla.; three brothers, Gordon L. Kauffman Jr. of Jacksonville and Ricky James Kauffman and Gerald Francis Kauffman, both of Bolton; a sister, Donna Ellen Kauffman of Bolton; his maternal grandmother, Mrs. Irene Wilson of Bolton; his paternal grandparents, Mr. and Mrs. Gordon Kaufman of Vernon; and his maternal great-grandmother, Mrs. Carrie Dietrich of Bolton. The funeral is Saturday at 10 a.m. at Holmes Funeral Home, 400 Main St., Manchester. Burial will be in East Cemetery, Manchester.

Friends may call at the funeral home Friday from 2 to 4 and 7 to 10 p.m. The family suggests that any memorial gifts may be made to a charity of the donor's choice.

Henry J. McFarlane Sr. ROCKVILLE - Henry J. McFarlane Sr., 59, of 42 West St. died Wednesday at the Newington Veterans Hospital. He was the husband of Mrs. Helen Crouse McFarlane.

Mr. McFarlane was born in Windsor and had lived in the Rockville area most of his life. He was an Army veteran of World War II. He was employed as a machine operator at Northeast Circuits, East Longmeadow, Mass.

He is also survived by four sons, Henry J. McFarlane Jr., Douglas W. McFarlane and Dennis J. McFarlane, all of Rockville, and David E. McFarlane of Suffield; three sisters, Mrs. Louis (Eleanor) Gates, Mrs. Frank (Beatrice) Milnus and Mrs. Edward (Etta) Candido, all of Rockville; seven grandchildren and several nieces and nephews.

The funeral is Saturday at 11 a.m. at Burke-Fortin Funeral Home, 76 Prospect St. The Rev. Paul J. Bowman, pastor of Union Congregational Church, will officiate. Burial will be in Grove Hill Cemetery.

Friends may call at the funeral home Friday from 2 to 4 and 7 to 9 p.m.

Mrs. Eva M. Lapointe COVENTRY - Mrs. Eva M. Collette Lapointe, 70, of Leominster, Mass., died Sept. 11 at the Keystone Nursing Home, Leominster. She was the widow of Prudent Lapointe and the mother of Marie L. Lemay of Coventry.

She is also survived by a sister, two brothers, four stepsons, four stepdaughters, two grandchildren and three great-grandchildren.

The funeral was Friday from the Wright-Roy Funeral Home, Leominster, with a mass at St. Cecilia's Church, Leominster. Burial was in St. Cecilia's parish cemetery.

In Memoriam In loving memory of our Mother and Grandmother, Lillian Jean Kirby, who passed away September 20, 1977.

Given but not forgotten. Daughter Lillian and family.

Schoolboy Ingests Pencil Tip Eraser

MANCHESTER - A boy placed himself in peril by swallowing a pencil tip eraser Wednesday afternoon at the Nathan Hale School. The 9-year-old Laotian boy, Yongia Lo, went to the school's office complaining that an object was stuck in his throat. "He had no trouble breathing but we were concerned about which way the object would go down," said Principal Leo Diana. Lo was fine after he swallowed the eraser in his entirety, said Diana who took him to the school cafeteria "where he ate a good lunch."

Sewer Study in Limbo

MANCHESTER - The town has put a temporary hold on a \$30,000 study to redesign a portion of the Manchester sewer system until it considers the outcome of a meeting tonight between the Eighth Utilities District, the town, and South Windsor. Public Works Director Jay J. Giles said today. The 7 p.m. meeting, to be held at the Eighth District Firehouse, when officials from all three areas will discuss the future of the eight-year-old agreement between South Windsor and Manchester to accept sewerage from each other when the land's topography and natural gravitational flow make sewerage flow over the border. South Windsor officials hope to include the Eighth Utilities District in

Merit Semifinalists

Three Manchester High students have been chosen National Merit semifinalists and have a chance to win a \$1000 scholarship. Fifteen thousand of the nation's most intellectually able students qualified as semifinalists and will be considered for approximately 4,300 scholarships to be awarded in the spring of 1980. (left to right): Gary Selinger, Linda Hewitt, and Graham K. Cambell)

Leaf Collections In Political Fray

MANCHESTER - The town's leaf collection, or lack of it, entered the political fray this morning. A Republican member of the Board of Directors said the collection should be resumed, a Democrat up for re-election said it's possible, and another Democrat who is not seeking another term said the collection is wasteful and should be eliminated.

The debate began when Republican Peter DiRosa said public works crews should pick up the leaves as in the past. He said he has asked that the matter be considered at next month's Board of Directors meeting. Democrat Joseph Sweeney, who is not up for re-election, said the pickup was "wasting taxpayers' money and another Democrat who is not seeking another term said the collection is wasteful and should be eliminated.

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However, Deputy Mayor Stephen Cassano, who seeks re-election, said there could be a way to restore the leaf collection without tapping money from this year's budget. Cassano said Thursday, "Because the treasurer, Roger Negro, was able to realize a \$100,000 return on investment of idle funds, I believe the town will have the money to restore the traditional vacuum leaf pick-up program."

Cassano said the program was scrapped to keep the budget down because the town was facing "tremendous expenses." Cassano said Mayor Penny stated in May that if there was a surplus of town funds the program would be reinstated.

Town Manager Robert Weiss said the board reasoned that taxpayers

The two men demanded money and were given what the four persons were carrying. Police said one of the men alleged held a gun on the occupants at gunpoint, ransacked the house and left with some \$5,800 worth of cash and jewelry.

South Windsor Police said the alleged robbers entered the home of Richard Maturio, 229 Brookfield St., through the unlocked front door. The robbers were reportedly carrying handguns. Maturio, his wife, and two friends were watching television at the time, police said.

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Keefe Quits State Job

HARTFORD (UPI) - Richard A. Keefe has quit as state inspector for the post of building and grounds inspector. He said stories in the Hartford Courant embarrassed his brother, Dennis Keefe, the state's assistant public works director, and the department.

"I don't like the way you batted my brother around... like he was a political hack," Keefe told the Courant.

The victim was identified as Dorothy N. Woodward, 257 West Center St. Police said there was no sign of foul play and that it was an apparent suicide. The incident was reported at 5:37 p.m.

The town has been asked by residents opposed to the Buckland Commons Residential-Commercial Development, not to sever the area. Giles said he is optimistic about the three parties reaching an agreement and doesn't believe Fuss and O'Neill, the engineering firm that was to design a portion of the Buckland Industrial Park sewer system, has started the project which may be unnecessary.

The town was going to connect one sewer in the Buckland Industrial Park area to a South Windsor sewer main but South Windsor officials would allow the connection until Manchester could show it could live up to the two-town agreement. The Eighth District now has the authority to sewer the Buckland area.

Anthony Pagano, a lawyer representing those residents, said he would go to court to block a sewer agreement between the three parties because he said Manchester's sewage treatment plant can't properly handle the additional material that would flow from the Buckland Commons project.

Giles said Thursday "It appears the town will be able to sewer the Buckland," but the situation could change.

Police Report

MANCHESTER - Police charged a 17-year-old Marlborough youth with second degree burglary in connection with an early morning break-in at a Clinton Street apartment.

Robert J. Tomberg was presented in East Hartford Superior Court today after allegedly entering the apartment house. A resident called police and told them someone tried to enter the apartment. An officer found the suspect in the hallway.

Police arrested two Manchester youths for allegedly grabbing a 57-year-old Manchester man outside 'Friendly's' Restaurant, 435 Main St., Wednesday night and demanding his wallet.

Police arrested Timothy E. Banks, 17, of 689 Main St., and Jeffrey R. Pictry, 19, of 18 Foxcroft Drive, with a second degree larceny.

At this point, police said, the youths fled up Main Street towards the center of town.

The victim related the story to a patrol officer, who said that another officer had stopped two youths behind Cavey's Restaurant.

Banks and Pictry were ordered to appear in East Hartford Superior Court Oct. 8.

Police reported a burglary Wednesday evening at Marlow's store, 367 Main St. According to police, two pairs of shoes and six watches were stolen.

Police said the suspect or suspects may have waited inside the building until it closed because there were no signs of forced entry.

VERNON - Local police and state police are still searching for a juvenile who was the subject of a chase Wednesday that ended on a dirt road in Tolland.

Vernon Police said the juvenile, who was wanted for escaping from Long Lane School, was spotted in the woods near the chase. Police said the juvenile escaped on foot into a wooded area.

The town can we have budget surplus and then deny taxpayers something they've come to know and respect," he asked.

Walter J. Leary, 28, of 115 Hartl Drive, Vernon, was arrested Wednesday on a Superior Court warrant charging him with first-degree sexual assault.

Second best is not good enough. It appears Sutor has the horses for a run at the title unclaimed in 78. Tim DeValve, Doug Meek, Jim Grzymkowski, Paul Johnson and Joe Neubell were within a 43-second span in the season opening dual meet Tuesday.

Assumption Junior High, St. Bridget School and St. James have all announced their policy for free and reduced price meals or free milk for children unable to pay the full price.

Each school and the office of the Connecticut State Department of Education, Child Nutrition Programs, has a copy of the complete policy which may be reviewed by any interested party.

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SELECTMEN Raymond Lanzano, Irene Pisch

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Foot Action Dave Skowronek, left, of Manchester Community College and George Chow of Southern go after ball in play at Cougar Field yesterday. Skowronek tallied once in 2-0 triumph. (Herald Photo by Adamson)

Thoughts ApLenTy By Len Auster

Old, New Power Back in the 1920s, '30s, '40s and '50s, when Pete Wigren was coaching, Manchester High was a power in cross country. CCIL and state titles abounded. And you didn't have to premedify 'cross country', boys' and girls', because there was none of the latter. That came much later.

There was a period under Paul Phinney and Bob Sines when league titles were still commonplace. But then came a dry spell when Manchester was not among the best in the state. That changed.

George Sutor took over the coaching reins in 1974 and the former prominence started to return. The Indian runners that first year went 8-4 and have since notched 10-4, 11-2 and 12-1 campaigns. They won the state Class LL championship in 1977, taking third in the state open.

A year ago the first CCIL title since 1960 was annexed with Manchester having to settle for second in the Double I division. This year the Indians should be right up there again. First and foremost, in Sutor's mind is recapturing the LL crown.

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Burleson Speaks Up In Support of Zimmer

BOSTON (UPI) - Boston Red Sox shortstop Rick Burleson has spoken out in defense of Manager Don Zimmer, saying if Zimmer is fired before next season he may not want to return himself.

"Letting Zimmer go is not what's needed here," Burleson told the Boston Herald American Wednesday before the team won its third straight game in Toronto.

"The big thing is a couple of more pitchers and no injuries. A healthy Carlton Fisk and Jerry Remy and two top line pitchers and we can win the pennant next year," he said.

The shortstop said it is unfair to place coaches and Zimmer's family for management not to guarantee him a contract for next season. "I've waited long enough for someone to say something in defense of the manager. I've waited for someone with a higher stature than me on this team to speak up."

"I want to stand up for the man," Burleson said. "He didn't do the throwing and hitting... As far as playing for this team, he's liked by everyone whether they've played this year or not. I think management has kept the players in limbo long enough."

Burleson said fans and news reporters have criticized Zimmer as hard "as I've ever seen them come down on a manager, and there's no room for management."

He said "everyone who doesn't know anything about this game wants to tell me... We did not lose the pennant because of the manager, we lost because we weren't good enough."

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Standings

National League

Table with columns: Team, W, L, Pct., GB. Rows include Pittsburgh, Montreal, St. Louis, Philadelphia, Chicago, New York.

West

Table with columns: Team, W, L, Pct., GB. Rows include Cincinnati, Houston, Los Angeles, San Francisco, San Diego, Atlanta.

Today's Games

Montreal (Schatzeder 10-4 and Sanderson 8-7) at New York (Kobel 6-8 and Scott 1-1), n. Pittsburgh (Candelaria 14-9) at Philadelphia (Lersch 9-12), n. Chicago (Lamp 10-4) at St. Louis (Martinez 14-7), n. Atlanta (Matusz 8-9) at Houston (Richard 16-13), n. Cincinnati (Norman 11-1) at San Diego (James 11-1), n. San Francisco (Krepper 9-11) at Los Angeles (Welch 4-6), n.

American League

Table with columns: Team, W, L, Pct., GB. Rows include Baltimore, Milwaukee, Boston, New York, Detroit, Cleveland, Toronto.

West

Table with columns: Team, W, L, Pct., GB. Rows include California, Kansas City, Minnesota, Texas, Chicago, Seattle, Oakland.

Today's Results

Chicago 5, Philadelphia 6-6. Montreal 3, New York 1-1. St. Louis 6-2, Chicago 3-3. Atlanta 6, Houston 5. Cincinnati 3, San Diego 2. Los Angeles 7, San Francisco 2.

Today's Games

New York (Righetti 0-0) at Milwaukee (Zahn 12-6). Baltimore (Stone 11-7) at Detroit (Chris 3-2), n. Boston (Henko 10-8) at Toronto (McIntyre 4-6), n. California (Barr 9-12) at Kansas City (Chamberlain 4-2), n.

Hard-Hitting Cougars Win

Behind a 12-hit attack, Manchester Community College bested Hartford College 6-3, yesterday in fall baseball action at Cougar Field. Bob Laiselle started and batted six strong innings with Andy Monozes shutting off a late threat to pick up a save for the Cougars. Lee DeAngelis, Willy Maribel and Carl Sarno each had two hits for MCC, now 2-2.

MCC's next action is Friday at home against Eastern Connecticut State College.

Earl Monroe Signs

NEW YORK (UPI) - Veteran guard Earl Monroe has come to terms with the New York Knicks and is expected to train camp shortly. The club announced Wednesday Monroe, 34, is expected to help stabilize the Knicks' young guards. The club also announced second-round draft pick Kim Gietz of San Diego State and free agent Tom Hicks of Virginia have been waived.

Two Expos Hurt

NEW YORK (UPI) - Second baseman Dave Cash and right fielder Ellis Valentine of the Montreal Expos were both injured and removed from the game Wednesday night after colliding during the first inning of the second game of their double-header with the New York Mets. Both left the field under their own power. A doctor examined each player and said that Cash was suffering from a cut head and Valentine from a bruised jaw.

Jets Waive Martin

HEMISTRAD, N.Y. (UPI) - Bob Martin, who started all 16 games for the New York Jets last year and was called "our most consistent linchpin" by Coach Walt Michaels after the season, was waived by the club Wednesday. Michaels said Martin's "lack of performance" for the decision to release the 27-year-old right outside linebacker. Martin, who missed most of 1977 with a shoulder separation, started the Jets' first two games this season but was involved with a contract dispute with the club.

Kansas City Capitalizes On Boot to Shave Lead

NEW YORK (UPI) - The Kansas City Royals, trying to make it to the top of the American League West Division, capitalized on an error by the division-leading California Angels' Wednesday night and moved to within two games of first place.

Playing the third game of a key four-game series with the Angels, the Royals took advantage of an error by shortstop Jimmy Anderson in the fourth inning and scored three runs to take a 4-1 victory.

With the score tied, 1-1, with two out in the fourth, Willie Wilson beat out a bunt single and took third on a hit-and-run single by Hal McTear. George Brett then bounced to Anderson, who let the ball scoot through his legs, allowing Wilson to score.

McTear went to third and Brett to second on the play and both scored when Darrell Porter drilled a Nolan Ryan pitch for a single to right to give the Royals a 4-1 lead.

McTear was the batting star for the Royals, reaching base all four times he faced Ryan on a walk, two singles and a double. He also scored three runs.

"You make a living hitting," said McTear. "You don't worry about who's on the mound or how hard he's throwing. I'm a little disturbed because I can't do this every day. I think it's within my capabilities."

Elsewhere in the A.L., Detroit blanked Baltimore, 1-0. New York shut out Cleveland, 2-0. Chicago downed Minnesota, 4-0. Boston topped Toronto, 8-0. Texas downed Oakland, 9-4, and Milwaukee routed Seattle, 12-1.

Figero 6, Orioles 0. Jack Morris pitched a four-hitter for his first major league shutout and notched his 15th win to lead the Tigers to victory.

Yankees 2, Indians 0. Tommy John allowed only three hits in 8 2/3 innings for his 18th victory and Reggie Jackson hit his 26th homer, to help the Yankees snap a four-game losing streak.

White Sox 6, Twins 0. Howkie Ross Baumgartner pitched a four-hitter and Curt Lemon and Jim Morrison drove in two runs each as the White Sox dealt the Twins a tough blow to their pennant chances.

Rangers 9, A's 1. Buddy Bell drove in three runs and Mickey Rivers knocked in two when the Rangers beat the A's for a sweep of their three-game series.

Brewers 12, Mariners 1. Solo homers by Buck Martinez, Ben Givigne and Sixto Lezama parlayed the Brewers to their fifth straight victory.

Perfect Bunt Aids Manchester Collegians

Tom Ellegard of Manchester Community College squares off to lay down sacrifice bunt in 6-4 win over Hartford UConn yesterday at Cougar Field.

Ellegard's bunt single and took third on a hit-and-run single by Hal McTear. George Brett then bounced to Anderson, who let the ball scoot through his legs, allowing Wilson to score.

McTear went to third and Brett to second on the play and both scored when Darrell Porter drilled a Nolan Ryan pitch for a single to right to give the Royals a 4-1 lead.

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Save MONEY AND TIME

The Businesses Listed Below can help your families during the months to come by showing them the best way and more important the most economical way to solve everyday energy needs.

Feds Offer Advice on How to Save Energy Dollars

BOSTON (UPI) — A lot of New Englanders, faced with rising fuel costs and shrinking budgets, will be looking for ways to save money on energy this winter.

The federal Energy Department offers some helpful tips on how to save your energy dollars:

- If every gas-heated home were properly caulked and weatherstripped, we'd save enough natural gas each year to heat about 4 million homes.
- One dollar spent on the furnace can save \$50 a year.

- A hot water drip from the bathroom faucet can fill a cup in 10 minutes and waste 3,260 gallons of water per year. To heat that water, it took 27 gallons of oil, 1,017 kilowatt hours of electricity or 3,484 cubic feet of natural gas.
- Use kitchen, bath and other ventilating fans sparingly. In just 1 hour these fans can blow away a household of warmed or cooled air.
- Don't turn the heat on until you have to. On cool evenings use your fireplace instead and add a blanket at night.

- If every household in the United States lowered its average heating temperatures 6 degrees over a 24-hour period, we would save more than 570,000 barrels of oil per day.
- If everyone raised air-conditioning temperatures 6 degrees, we'd save the equivalent of 190,000 barrels of oil every day.
- A tub bath uses three times as much water as a shower. If you substituted just one shower for one tub bath per day, you would save almost 2,000 gallons of hot water in a year.

- When leaving the house for an extended period, pull the plugs on all appliances that will use energy in your absence, such as TVs. The idea of the "instant-on" in television is a misnomer. There is no instant on, the television is always on, wasting energy and money.
- A 75-cent device called a slower flow resistor can reduce the flow of unneeded water and save as much as \$75 per year.
- Buy firewood as early in the season as possible for the best deal. From November on demand increases and so does the price.

- The average dishwasher uses 14 gallons of hot water per load. Use it energy efficiently.
- Use fluorescent lights whenever you can; they give out more lumens per watt. For example, a 40-watt fluorescent lamp gives off 80 lumens per watt and a 60-watt incandescent gives off only 14.7 lumens per watt. The 40-watt fluorescent lamp would save about 140 watts in the season as possible for the best deal. From November on demand increases and so does the price.
- Have decorative outdoor gas lamps turned off, unless they are essential for safety, or convert them to electricity. Keeping just eight gas lamps burning year-round uses as much natural gas as it takes to heat an average-size home for a winter heating season.
- Go shopping with a neighbor occasionally. If the average occupancy (currently 1.3 people per commuter car) were increased by just one person, each commuter would reduce his costs, energy consumption and driving stress. And the nationwide gasoline savings would be more than 600,000 barrels per day.

- Observe the 55 mph speed limit on the highway. Most automobiles get about 20 percent more miles per gallon on the highway at 55 mph than they do at 70 mph.
- A poorly tuned car could use as much as 3 to 9 percent more gasoline than a well-tuned one.

UConn Studies Fuel Savings

STORRS — Fuel economy improvements of up to 40 percent for internal combustion engines may result from a major new research program on ignition improvements just begun at the University of Connecticut.

Dr. Eli K. Dabora, professor of mechanical and aerospace engineering, has just received a \$14,338 grant from the U.S. Department of Energy to explore "Reduction of Fuel Consumption in Internal Combustion Engines by Plasma Ignition."

Dabora explains that he is looking into ways of improving ignition systems in internal combustion engines — such as the one in your car — so that a leaner mixture of fuel can be burned reliably. A leaner mixture contains less fuel in proportion to air.

Present ignition systems use a spark plug to start

the fuel-burning process. Dabora notes, he is looking into ways into the design of spark plugs could be modified — or replaced with other devices such as lasers — in order to inject a jet of "plasma" into the air-fuel mixture in the cylinder.

"Plasma is a form of hot ionized gas. This jet of hot plasma would shoot into the air-fuel mixture, and would be capable of igniting a leaner mixture."

In the first, or basic research, phase of his project, Dabora is working with a test combustion chamber and plasma generator using methane fuel fitted with a ruby laser as the ignition source. The laser is used because it makes it possible to measure the amount of energy being supplied for ignition more accurately, Dabora explains.

Another, argon laser, is used as a light source for

interferometric photography used to study the combustion process.

In the second stage, Dabora's work will switch to applications, using a one-cylinder research engine.

Out of this work, Dabora hopes, will come a more desirable ignition system that could be applied by industry for fuel savings of up to 30 or 40 percent.

In his research, Dabora is working with the small research lab of Geo-Center Inc., of Newton Upper Falls, Mass.

He also is being aided by Dr. Subbaro B. Ryal, assistant professor of mechanical engineering and two senior undergraduate engineering students, Johnathan Grant of Storrs and Alan Wittenstein of Storrs.

Energy Theme of Meeting

HARTFORD — "Energy Issues in Home and Industry" will be the subject of the annual meeting of the Connecticut Coordinating Council for Consumer Affairs (CCCCA), Feb. D. Alford, president of New England Energy Systems Inc., will be the keynote speaker at the New England Energy CCCCAL luncheon at the State House on Oct. 11.

Alford, a retired nuclear submarine officer, was instrumental in the formation of the NEEI which was formed in 1974 to provide a secure supply of domestic fuel for generation of electricity. Alford will discuss recommendations of a report from the New England Energy CCCCAL luncheon at the State House on Oct. 11.

A panel of representatives from business, industry, and consumer groups will address current energy issues in both home and industry. Participants will have an opportunity to dialogue with the Energy Panel according to chairperson, Maggie Alston.

The program will be concluded with the installation of CCCCAL officers for 1979-80 by Margaret I. Ploss, CCCCAL president. Officers to be installed are: William Clynnes, president; Barbara Murphy, first vice president; Sharon Free, second vice president; Daniel R. McLaughlin, recording secretary; Landis Hughes, corresponding secretary; and Daniel Miller, treasurer.

Interested persons are invited to register for the CCCCAL annual meeting by contacting Daniel Miller, 11 Old Meadow Road, West Hartford, 06117, by Oct. 5. The annual meeting will begin with registration at 11 a.m. on Oct. 11, at the State House.

Millstone I Given Performance Award

HARTFORD — The Millstone nuclear electric generating unit at Waterford has received an award for outstanding performance from the General Electric Company. The 660,000-kilowatt unit uses a boiling water reactor and turbine generator system manufactured by GE.

Millstone I, one of 23 boiling water reactor units in the United States, had one of the highest overall performances for the past two years, producing over 80 percent of its maximum capacity. The electricity generated by the unit was almost 20 percent of the electricity supplied by Northeast Utilities during 1977 and 1978. Millstone I's output represents an oil

savings of over 17 million barrels of oil for the two year period.

The award was presented to Richard Herbert, Millstone I unit superintendent, by Neil Feinms, general manager of GE's Nuclear Services Department.

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Gardening Farm Markets Poultry Disappearing in State

By FRANK ATWOOD

The number of farmers' markets in Connecticut, large enough to handle wholesale quantities of fruits and vegetables, has dwindled in 30 years from three, at Hartford, New Haven and Bridgeport, to one, the Connecticut Regional Market at Hartford.



Robert Goldman

The number of poultrymen making a living in Connecticut from the sale of poultry meat and eggs has dropped from more than 2,000 to less than 100, all of them in the egg business.

The number of chickens maintained on the existing egg farms has increased dramatically. A flock of 10,000 to 20,000 birds was then enough to provide a family income. There is at least one poultry farm today that has a million birds.

The stinging fowl, or old hens, available everywhere 30 years ago, have disappeared from Connecticut markets. The hens that have finished laying, called "spent hens" in the trade, are sold to processing plants in New Jersey or Maryland, or direct to out-of-state companies that make canned chicken soup.

Small markets, where most of the sellers are small farmers or operators of large home gardens, have appeared in the Hartford-Manchester-Vernon area. They depend on the regional market for wholesale prices but set their retail mark-up.

An increasing number of Connecticut firms are finding markets for specialized agricultural products in foreign lands.

These are observations ticked off by Robert Goldman of Bloomfield, chief of the division of markets, State Department of Agriculture, and an employee of the division since 1946. Goldman home from service with the Coast Guard that year when the war ended in the South Pacific.

This year, Goldman achieved a personal and professional goal, election as president of the National Agricultural Marketing Officials, his peers in 50 states.

Goldman will represent the marketing officials later this month at a national convention of commissioners of agriculture at Winston-Salem, N.C. Next June, he will preside at a convention of his own group in Portland, Ore.

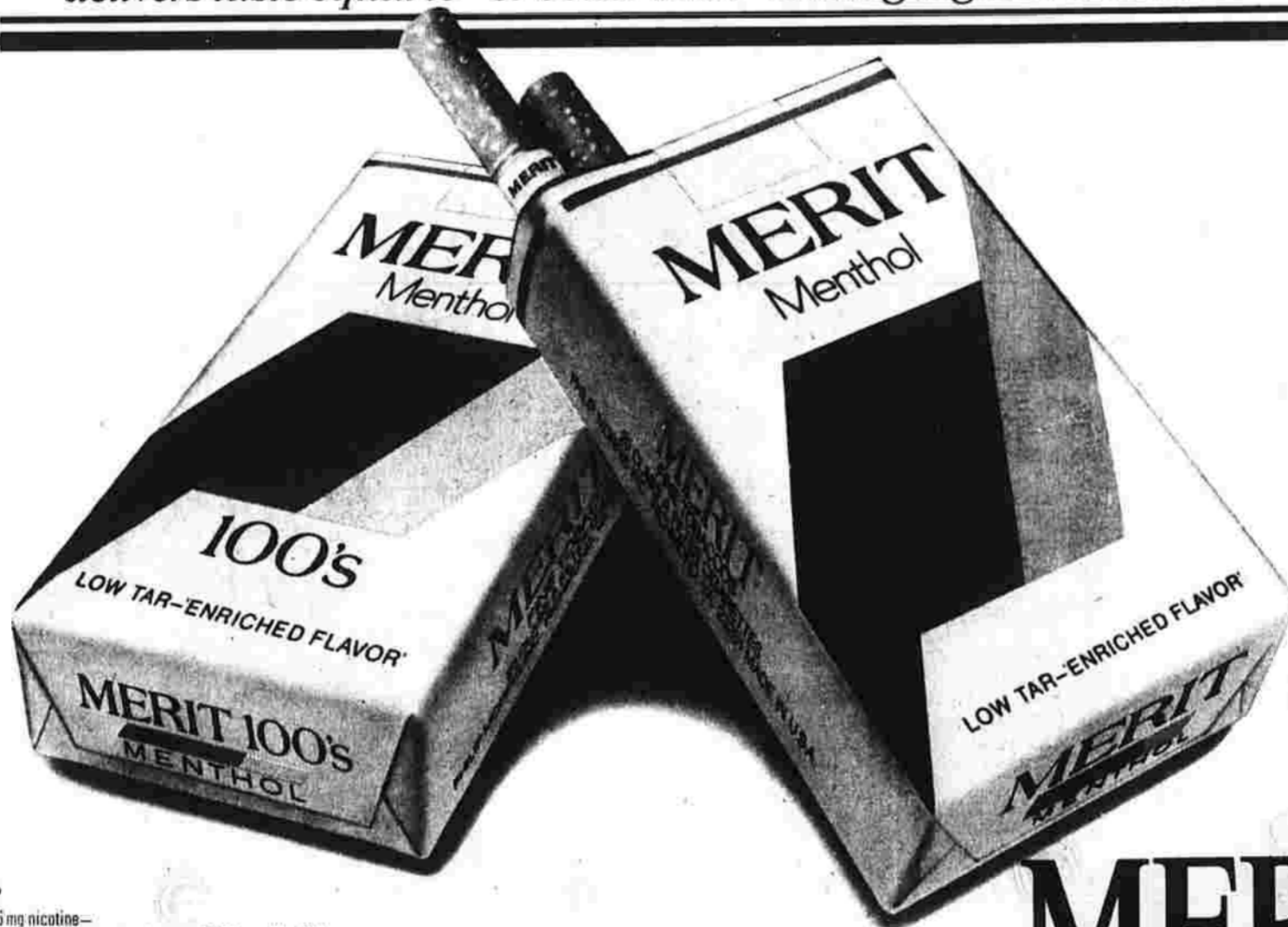
He has worked up to the president's job by "going through the chairs" as second vice-president and then as first vice-president. His freezes them until liquid nitrogen and supplies them to passenger airlines.

TV Tonight

6:30 (1) CBS News (2) ABC News (3) NBC News (4) PBS News (5) Local News (6) Sports (7) Entertainment (8) Children's (9) Educational (10) Religious (11) Public Affairs (12) Documentaries (13) Music (14) Drama (15) Comedy (16) Mystery (17) Thriller (18) Action (19) Adventure (20) Fantasy (21) Sci-Fi (22) Horror (23) Western (24) Romance (25) Soap Operas (26) Game Shows (27) Talk Shows (28) Reality Shows (29) News Magazines (30) Children's Shows (31) Educational Shows (32) Religious Shows (33) Public Affairs Shows (34) Documentaries (35) Music Shows (36) Drama Shows (37) Comedy Shows (38) Mystery Shows (39) Thriller Shows (40) Action Shows (41) Adventure Shows (42) Fantasy Shows (43) Sci-Fi Shows (44) Horror Shows (45) Western Shows (46) Romance Shows (47) Soap Operas (48) Game Shows (49) Talk Shows (50) Reality Shows (51) News Magazines (52) Children's Shows (53) Educational Shows (54) Religious Shows (55) Public Affairs Shows (56) Documentaries (57) Music Shows (58) Drama Shows (59) 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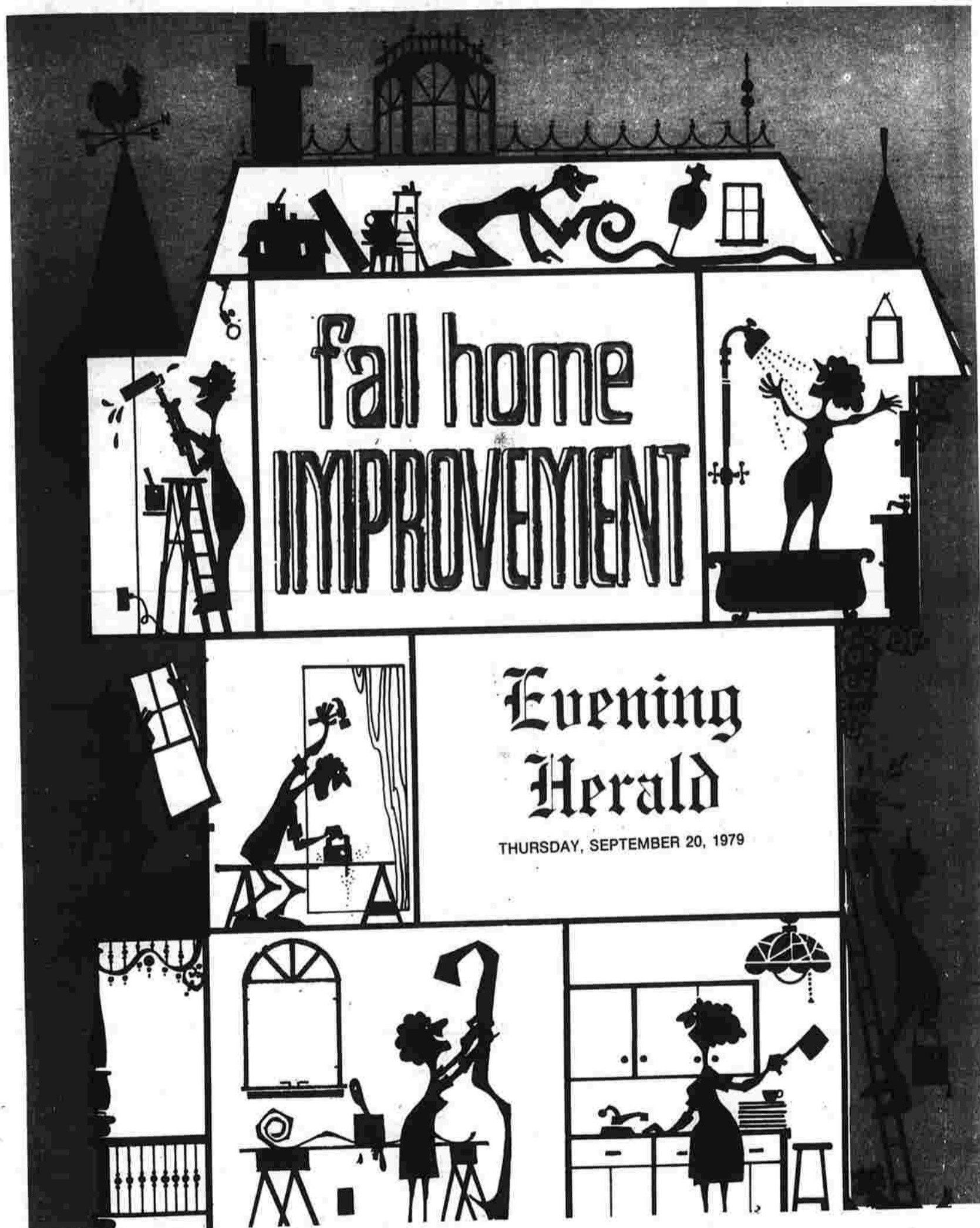


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Kings: 8 mg "tar," 0.6 mg nicotine—
100's: 11 mg "tar," 0.7 mg nicotine av. per cigarette, FTC Report May '78

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Storm windows will slash fuel bills and add comfort

Another cold winter is predicted and fuel prices may soar again, so it's time to consider energy-saving measures.

One of the most practical is to install aluminum-framed storm windows and doors, because they reduce heating loss through the windows by as much as 40 percent and add to your comfort.

According to the National Bureau of Standards, old unprotected windows and doors can be the single biggest cause of energy loss in our homes. Together they account for 70 percent of the heating loss.

Room heat works its way out through the glass and cold air leaks in around the frames, causing drafts.

A storm window is designed to provide a second window over the original glass and its low-maintenance aluminum frame helps reduce air leakage around the perimeter of the prime window.

To be most effective, there should be an air space of one inch or more between the two windows because it is this air space that acts as insulation. The window should fit snugly, but not too snugly, so that there is sufficient allowance for "breathing" to the outside to reduce condensation on the window panes and sill.

Today's most popular type of storm window is the "trip-le track" aluminum-framed window with self-storing screens which slide easily into place in the spring.

Storms come in mill, anodized and painted finishes or can be painted to match any decor.



ALUMINUM STORM WINDOWS can reduce heat loss through the windows as much as 40 percent because they create an insulating air space. Worker tightens screws on frames which have multiple tracks to make both storm sash and screens self-storing. Photo courtesy: the Aluminum Association.

Standard shapes and sizes fit a wide variety of windows including double-hung, two and three-liters, single, double and triple horizontal and vertical picture windows, and even patio doors. They can be custom-cut where necessary.

Before you add storm windows, be sure your prime windows are in good condition. If not, repair them by caulking or weatherstripping or consider new aluminum replacement windows.

Shop around for storm sash before you buy and compare the quality of the various windows available. The joints should be neat and strong, and the heavier the frame and general construction, the stronger and more durable the window.

The best windows have thick weatherstripping and glass that weighs at least 18 ounces per square foot.

Installing storm windows can prove to be an economical investment that may pay for itself within three to six years.

In a home in Detroit, for instance, which has a 6200 degree day climate, a family heating with oil at 49¢ a gallon could save approximately \$105 a year by adding storms. If they use electricity, they could save considerably more; with gas somewhat less.

For a free booklet on selecting storm windows, write to the Aluminum Window Information Bureau, 250 West 57th Street, New York, N.Y. 10019.

Textile wallcovering adds visual interest, dimension

If your living space is run down, "re-doing" a wall can be a practical and pleasant alternative to an expensive remodeling job.

Egyptian influence
Influenced by the "Treasures of Tutankhamun," a wallcovering and fabric collection from Perceptive Concepts, the living room walls of one home were covered in "The Gift," a Belgian linen textile wallcovering in jewel tones. The textured weave of this linen wallcovering adds dimension and creates visual interest.

"The Gift" is a design inspired from a chest, one of the most outstanding treasures found in Tutankhamun's tomb. The lid presents a charming scene, Tutankhamun leaning lightly with one hand on a long staff and

receiving bouquets of lotus and papyrus, with poppies from his grateful queen, Ankhesenamun.

A touch of the antiquity, romance, and beauty of ancient Egypt is further captured by the goddess Selket, a gold statue reproduced by the Metropolitan Museum of Art from the Tutankhamun Collection.

Exotic accent
The upholstered white linen couch and chairs are accented by the pillows covered in the "Queen's Bouquet," a linen fabric to correlate with "The Gift."

The stainless steel glass cocktail table, accessories, and brown and white striped wool rug, complement and unify this regal room setting. The three turquoise cabinets from Cy Mann form

a pyramid armoire. The cabinet doors may be left open or closed. If left open, there is an inside light box to illuminate the contents within. This pyramid armoire encompasses both practicality and beauty.

Beautiful elegance
This room, once nondescript, now generates interest and elegance with the aura of Egyptian enchantment.

Belgian linen wallcoverings are made with natural fibers and the extraordinary surface interest of these wallcoverings is produced by the subtle variations of texture and color.

The special advantages of linen wallcoverings include anti-static power, strength and resistance to tearing, and acoustical properties.

Wall-to-wall carpet comes out of a box

While the price of everything has risen steadily in the past few years, one home furnishing item's cost has fallen faster than autumn leaves.

Advanced technology and sophisticated manufacturing methods have made carpet a better buy today than it was over two decades ago.

Money-saving innovation
Not only are scientists and engineers developing increasingly superior products for less money, they're delivering every conceivable color under the sun, as well as new ways to meet the one rising factor in carpet affordability—installation cost.

The 12' x 12' carpet square is the answer for the would-be handyman. A less-than-skilled person can eliminate the high cost of labor by putting down a roomful of carpet that looks professionally installed in only a few hours.

What's more, high-quality foam backing and adhesive are built into the product. Easier than easy, there is virtually no mess, no fuss, with this wall-to-wall carpet that comes "out of a box," and no additional padding to buy.

Armstrong has packaged carpet squares ten to a box for availability throughout the U.S. It makes squares easily portable from the store



WALL-TO-WALL CARPET out-of-a-box... now possible with Armstrong's do-it-yourself carpet squares. For only a few hours' and minimal dollar investment, the look of professionally-installed wall-to-wall carpet is practical for the average handyman. Available ten-to-a-box, KINGS VALLEY (illustrated) is only one of the many textures available in Armstrong carpet squares.

and quantity needed easy to calculate. Myriad constructions are available, too, from velvet plush to sculptured shag. One brand-new shag carpet square line is available in seven tone-on-tone colorations, and is ideal for small or large areas where a soft touch is appreciated underfoot. To install, here's all you do.

Peel off the protective paper on the back of the square (note arrow direction, and be certain that all run the same way)... place the carpet on the floor, and press. A plumb line is advised for installation to begin in the center of the room. Edges are precision cut, and when the squares are installed properly, there are no visible seams. Since autumn days mean

winter's on its way, the look of warmth is as important as its feel. Psychologically, carpet makes a room "feel" warmer.

Carpet unifies
Wall-to-wall carpet probably does more to cozy up a room than any other home furnishings item. Its unifying properties make rooms look larger and keep floor house-keeping down to a minimum.

It makes sense this fall to try your hand at one of the easiest ways around to get dynamite decorating at do-it-yourself prices... out of a box!

For free literature dealing with carpet-square installation, write: Consumer Services, Dept. M978, Armstrong Cork Company, Lancaster, PA 17604.

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Breakthrough in prefinished siding... New colors and rich textures add beauty

No matter what the period, style or wall surface of your home, exterior decoration is no longer limited to increasingly expensive painting cycles.

Pre-finished siding has come of age, and whether the house is Victorian, Colonial or contemporary, there's a siding to match it.

Color breakthrough
The biggest news, particularly in aluminum siding, is the wide range of colors and textures now available. Shades of brown, green, blue, ivory, avocado, red and the earth tones are beginning to rival the ever popular white finish.

Embossed textures range from a smooth finish to replicas of almost every style wood finish, even cedar shakes. These styles and paints are often guaranteed for 20 to 40 years, while maintenance is reduced to a minimum.

Pre-finished siding also provides other design alternatives — horizontal panels to accentuate the

long, low lines of a ranch house, vertical panels to break up a too-long horizontal sweep, or accent the gable ends of a colonial home.

Trim and accessories, such as corner posts, columns, soffits, fascia, gutters and downspouts, are available to match the siding.

If yours is an older house that boasts prized detail, aluminum fittings can most often be formed to duplicate them. Even gingerbread on a Victorian treasure can be re-finished and look perfectly at home.

New "charm"
Far from diminishing the character of older houses, aluminum, properly installed, can help retain their charm with the added benefits of reduced maintenance.

While pre-finished siding also comes in vinyl plastic, hardboard and steel, aluminum offers the widest range of colors, styles and accessories, and has the most successful track record. On the

market for over 30 years, it has been used to re-side over 11,000,000 homes.

Pre-finished hardboard is available in a wide range of colors and textures but it requires more care than other sidings.

With steel, the exposed edges of the pre-finished siding may be affected by weather.

Vinyl plastic is usually available only in white and pastel colors. It may become brittle at low temperatures and wavy when the temperature goes up.

Long-term characteristics of vinyl siding are not proven since it has only recently become available.

Look around!
Whatever siding you choose, be sure your exterior decorating scheme not only pleases you but also blends well with other houses in the neighborhood.

Decorators suggest limiting your choice of colors to three, including siding, roof and trim, and keeping them

complementary.

Having decided on siding, go a step further and choose the insulated kind because it may pay for itself in energy savings and add to your comfort, winter and summer.

Plain siding does not have much insulating value, but when properly installed with insulating backer over aluminum foil it can cut your fuel use.

Choose carefully
Choose your contractor as carefully as you select your siding, because his reputation and expertise will determine the quality of the job. Check with people who have had their homes re-sided, with local bankers, the Better Business Bureau and the Chamber of Commerce.

To help you choose the best type siding for your home, write for a free copy of a new 16-page booklet, "A Homeowner's Guide to Choosing Siding," available from the Aluminum Siding Information Bureau, Dept M9, 250 West 57th Street, New York, N.Y. 10019.

R and U values... Meaningless with windows

R and U values are given as an indication of a material's ability to retard or conduct the flow of heat... so they're valuable in helping the buyer know how effective the material will be in conserving energy.

But when it comes to windows, they don't mean anything, because they're seldom based on common criteria.

Some windows are rated for conductive U values... a measure of how fast or slow heat travels directly through the glass and frame materials used in the window. Others show the conductive U value for the glass only.

In addition to conductive U values, windows, unlike a single-component product such as mineral wool ceiling insulation, have an infiltration U value. This is a measure of the heat flow through the cracks between the several component parts. For some windows, this is given. For others, it is not.

Yet other windows are rated with a composite U value, which is the total of the combined conductive and infiltration U values.

Yet another factor about windows which isn't a factor in materials like batt insulation, is the size of the window tested for the U or R values.

If the window has double insulating glass, the U value of the glass alone is as low as 0.56. But the frame may have a U value as high as 1.00. These two factors must be

considered in combination to determine the conductive U value of the window.

If the window tested is small, the frame represents a larger percent of the total window area than it does in a very large window. So even if two windows give U values representing both infiltration and conduction, you can't compare their energy efficiency unless you know whether both windows tested were the same size.

One way to use U or R values to compare different windows is to have complete, independent test laboratory reports for both windows. You must check to see that all criteria, including conditions of the test itself (static or dynamic air pressure, etc.), are identical.

Unless you are an architect involved in a project requiring 600 windows, it's unlikely that you can get test reports which are comparable.

So what do you do? If you want to make your windows energy efficient, you are going to have to know the different ways windows waste energy, so you can identify what product you need.

If you have relatively good, air-tight windows, you probably need storm windows.

If your prime window is deteriorated, but you have good storm windows, you need a new prime window.

If you have worn-out windows and no storms, you

need a "thermalized" replacement window.

Once you can identify your window energy problem and know the remedy, you have to be knowledgeable about the different degrees of quality in the different competitive products available for your need.

"The Window Book," written by Fred M. Schmidt and published by Season-All Industries after five years of window energy research, identifies the ways windows waste energy, spells out the "right" solution to each problem and defines the characteristics of good storm windows, replacement windows and "thermalized" replacement windows.

According to Mr. Schmidt, "There is an absence of good, easy to understand information about windows and energy. And home and building owners are confused." "The Window Book" is an attempt to give the consumer the basic information needed to invest in window energy conservation wisely.

He concludes, "There should be some hope that the buyer will, in fact, achieve the energy conservation he or she is paying to achieve."

The 136-page, illustrated "Window Book" is available by sending \$2 to the publisher, Season-All Industries, Department MS, Consumer Publications, Indiana, PA 15701.

IMPROVEMENT MONEY?



Bill Hale, President

ASK ME.

Heritage Savings

Loan Association - Since 1891

Main Office: 1007 Main St., Manchester 649-4586

Fall chores... Correct chain saw helps homeowners

Almost any homeowner's checklist of fall chores will include woodcutting.

There are fruit and shade trees to be pruned, shrubs and bushes to be cut back, a winter's supply of firewood to be cut and perhaps a construction job or two.

Homeowners with limited time will be using indoor and outdoor power tools in the fall more than any other time of year. For the well-equipped home handyman, the list will include a lightweight, high performance gasoline chain saw.

In selecting a chain saw, as is the case with most power tools, the trick is to pick one that fits the woodcutter's needs, according to the woodcutting experts at McCulloch, a leading saw manufacturer.

Engine size is a good way to gauge a saw's performance. The compact, light, two-cycle engines are about the most powerful for their size a homeowner is likely to encounter. About two cubic inches of displacement is all that's necessary for home woodcutting jobs.

Length of the guide bar and chain is another basis for selection. On consumer models, these range from 10 to 16 inches.

The cutting attachment should be selected for use at home, operators should spend plenty of time studying the owner's instruction manual before the first cut is made.

they can cut from both sides of the wood.

Safety equipment is another important criteria for saw selection. A prospective buyer should ask his dealer to explain how various manufacturers' saws help reduce hazards.

McCulloch's new Power Mac series of home-use saws includes a safety package of wraparound chain brake/handguard to help reduce the hazard of kickback, a muffler shield to prevent accidental burns, a throttle latch so that the saw can be started in the safest position, a safety trigger that prevents accidental acceleration, and a chain catcher to help prevent a broken chain from lashing back at the operator.

The Power Macs have 2.1 CID engines and bar lengths ranging from 14 to 16 inches. McCulloch's Auto Sharp semi-automatic chain sharpening system is included on the Power Mac 320 and 340.

For a manufacturer's suggested retail price of \$149.95, the Power Mac 310 also includes electronic ignition for easier starting and better peak performance and an anti-vibration system that makes the saw easier and more comfortable to use.

No matter what kind of chain saw is selected for use at home, operators should spend plenty of time studying the owner's instruction manual before the first cut is made.

Moving into smaller space presents storage problems

Few people who have lived in houses all their lives are aware of the storage problems faced by apartment-dwellers. The average apartment is short on closets, and those they have are often small and cramped.

It's all too easy in an apartment to let things co-

agulate "out of the way," which avoids the problem, without solving it. The trick is to learn to adapt yourself to your living space, and make the most of what you've got.

In the kitchen, hang your frequently used tools on the walls, with an eye to both practicality and design. You

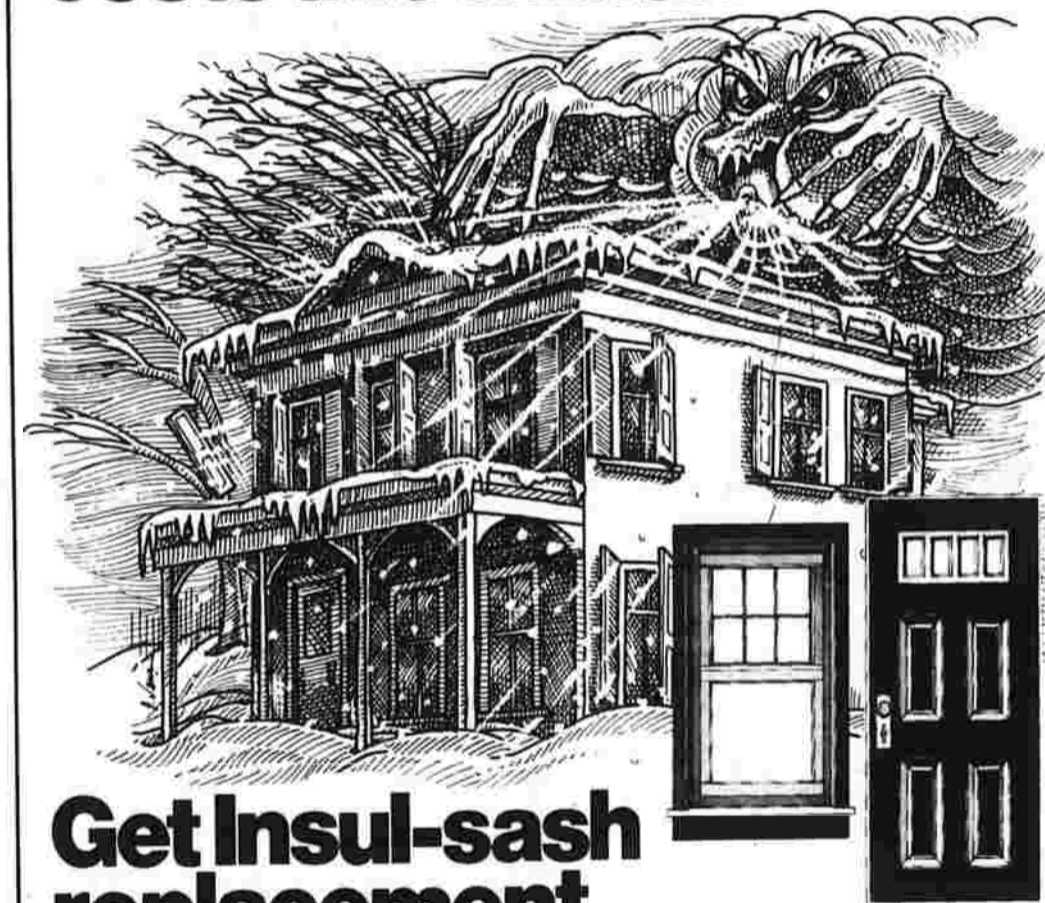
might want to consider investing in a rolling cart with several shelves to hold a wide variety of items.

In other rooms, choose furniture that can serve more than one function whenever possible. A chest of wicker or wood, can be used to store towels and bed linens, and

works beautifully as a coffee table.

In a small apartment, bookshelves can be used as room dividers, and if you are a bibliophile, you can double your shelf space by lining the shelves with books in two rows, library fashion.

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Winterize equipment for a powerful spring!

PORT WASHINGTON, Wis.—As the lawns of North America go into hibernation for the winter, their owners put away their powered walk-behind lawn mowers.

Hopefully, the equipment has been winterized, which is a good practice that contributes to the reliability of its operation the following summer and helps avoid need for more expensive maintenance later.

Now is the time, as the winter is just beginning, to do a thorough preparation for cold weather storage, according to the Simplicity Manufacturing Co. here, a manufacturer of powered lawn and garden equipment. Cold weather is hard on stored equipment, particularly if it is stored dirty.

You don't need to be a mechanic to winterize your equipment nor do you need more than two or three hours. Just follow these steps:

1. With the engine off and the traction control in the disengage position, remove the high tension wire from the sparkplug. Drain the gasoline according to instructions in the manual. Fuel left to stand becomes gummy.

2. Reconnect the high tension wire and start the engine, using the small amount of gasoline still in the carburetor, letting idle until it stops. Let the engine cool and disconnect the high tension wire once again.

3. Drain the crankcase, making sure to reseal it to prevent dirt entering the engine. Before sealing, add one ounce of new oil and crank the engine a few times to distribute the oil, preventing internal rust.

4. Clean the mower. With the high tension wire still disconnected, tip the mower on its side and remove any dirt or grass clippings that may be sticking to the housing by spraying it with a garden hose.

5. Scrape out any grass that water will not remove with a brush or paint scraper. You may find that the underside of a steel deck needs a new paint job to prevent rusting. (Simplicity has magnesium decks.)

6. Check the blade fastener and blade for general condition and sharpness. If the blade requires servicing, follow the blade maintenance procedure in the operator's manual.

7. Make sure the blade is balanced before it is installed and then properly tightened according to the manufacturer's specifications. A simple way to balance a blade is by putting a screwdriver through the center hole. If the blade tips, grind off a little metal from the "low" side.

8. Rotary lawnmower blades should always be sharpened on the upper surface only.

9. With the mower right side up, clean dirt, grime and grass clippings from the ex-

ternal parts of the engine, shrouding and top of the mower housing.

10. Give special attention to the cylinder head fins and blower housing, which must be completely clean for proper air cooling.

11. Now service the sparkplug. With the cylinder head clean to insure that foreign matter does not fall into the cylinder, clean it and re-gap it or replace it with a new one recommended by the manufacturer. Replace brittle or gashed wire.



YOU DON'T NEED TO BE AN EXPERT to do a proper maintenance job on your walk-behind power lawn mower, according to the Simplicity Manufacturing Company. Most of the instructions are found in owners' manuals. Simplicity is an Allis-Chalmers company.

IMPROVEMENT MONEY?



Gloria Baluk, Manager, K-Mart Office

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1. After a season's use the air cleaner generally becomes quite dirty. Air cleaner elements used on today's mowers are most commonly made of a polyurethane or sponge rubber material.

2. Wash the element in a liquid soap detergent and warm water solution. Dry the element (avoid twisting it which could cause it to tear) and saturate it with oil. Then squeeze the excess oil out of the element and reassemble the air cleaner.

3. Rotary mowers are always subjected to a great deal of vibration that might cause parts to loosen. Check and tighten all cap screws, bolts, screws and nuts.

4. Check wheels, too, and tighten as needed. If any part is damaged, repair or replace it.

5. Refill the crankcase with the recommended oil to its proper level. Caution should be taken not to overfill the crankcase as engine damage or starting difficulty could result.

6. Lubricate and grease other parts of your mower as recommended in the operator's manual.

7. Locate rusty spots. Clean these and paint with a rust inhibiting paint. Cover the mower to protect it from dust and dirt, then store it in a clean dry place.

Condition your soil now with Canadian sphagnum peat moss

It's fall . . . time to sow a new lawn, repair an existing one, condition the soil around shrubs, in flower beds and gardens, and prepare evergreens for the winter.

Canadian sphagnum peat moss mixed with the soil now will provide an excellent foundation for healthy lawns, plants and flowers.

Why sphagnum peat moss? While peat is any partially decomposed vegetation, sphagnum peat is peat from sphagnum moss.

It is a clean, uniform product consisting of 95% organic material and considered the finest soil conditioner because of its long lasting quality and its unmatched water retention capacity. It will absorb 12 to 20 times its weight in water, a factor which promotes healthy root development and actually reduces the amount of fertilizer needed.

In clay soils, sphagnum peat moss loosens and aerates the soil allowing unhampered root growth.

In sandy soils where water and nutrients tend to leach

through, leaving plants undernourished, sphagnum binds the soil, helping retain moisture and fertilizers. It is free of harmful salts, chemicals and insect life.

Here are some tips on how to use sphagnum peat moss as you prepare lawns and gardens for the winter. In all cases moisten the peat moss thoroughly before using.

New Lawns - If you are starting a new lawn spread a one-to two-inch layer of sphagnum peat over the area to be seeded and work it into the top six inches of soil.

After seeding, top dress with 1/4" of peat moss to hold the seeds in place, keep them moist and protect them against temperature extremes.

Rejuvenating Old Lawns - Spike bare spots and cover with one-half inch of wet sphagnum peat; work it into the spiked holes with the back of a rake. Seed and water.

Gardens - Spread a two-to three-inch layer of sphagnum peat moss over beds and around shrubs and work into

the soil. This will reduce the need for frequent cultivation and watering, protect the soil and plant roots against extreme temperatures, and condition the soil for spring planting.

Evergreens - Broadleaf evergreens such as azaleas, camellias, rhododendrons, daphnes and heather are acid-loving plants. For established plantings, mulch with a two-inch coating of sphagnum peat moss. Do not work into the soil.

If you are planting new evergreens, mix the soil thoroughly with the peat moss. Then loosen the root ball of the plant so that the soil and peat moss will be thoroughly blended. Finally, mulch with a two-inch layer of sphagnum peat.

One further point should be emphasized about Canadian sphagnum peat moss. It is sold in compressed bales.

When loosened, a bale yields nearly twice the volume of material. Thus, one six foot compressed bale of sphagnum peat is equal to six 50-pound bags of other peats.

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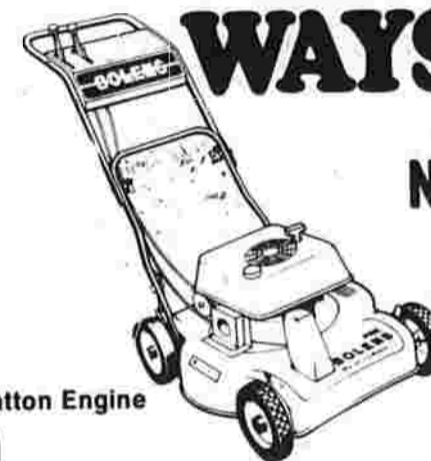
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Prefab makes fireplace installation an easy job

Have you ever wished that you could spend long winter evenings in front of your own cozy, warm fireplace? Now it's easy to stop wishing and start enjoying.

New prefabricated, energy-conserving fireplaces are easy to install and economical too. For only one weekend's work, you can enjoy the pleasures of a fireplace for a lifetime.

Easy installation

A simple, step-by-step procedure that any experienced do-it-yourselfer can follow is offered by Preway, Inc., manufacturers of energy conserving, heat circulating built-in fireplaces.

In addition to bringing many hours of pleasure, Preway's new Energy Mizer fireplace can help reduce your heating bills by providing a supplementary source of heat.

Rather than steal warm room air for combustion, the innovative Energy Mizer uses outside air for combustion, and also re-heats and

re-circulates room air for added energy savings.

Before beginning, you should determine where you want the fireplace to be located. To do this, consider traffic patterns, window and door placement, and existing construction features.

Choose location carefully

Keep in mind that it's best to select a location where the chimney can be installed without cutting rafters or ceiling joists. Also remember that the fireplace opening must be kept at least 30" away from a perpendicular wall of combustible material.

Remember, the finished chimney must be at least 3' above the roof cutout, and at least 2' above the highest point of roof within 10' of the chimney.

Back at the fireplace, select outside air duct locations for the Energy Mizer, keeping in mind that these ducts must terminate outside the home so that air is not taken from attic space, above roof, or from any room, especially a garage.

When you have located outlet positions, cut 6 1/4" diameter holes for the combustion air ducts. Next, secure the combustion air elbows to fireplace, making certain that the first elbow is in a downward position.

Next, connect the duct to the elbows. Push duct through the wall or floor from outside, and secure to the duct that is attached to the elbow.

Then, don't forget a hearth extension, a very important safety feature to guard against sparks and falling logs. The hearth extension should extend at least 16" in front of and at least 8" beyond each side of the fireplace opening.

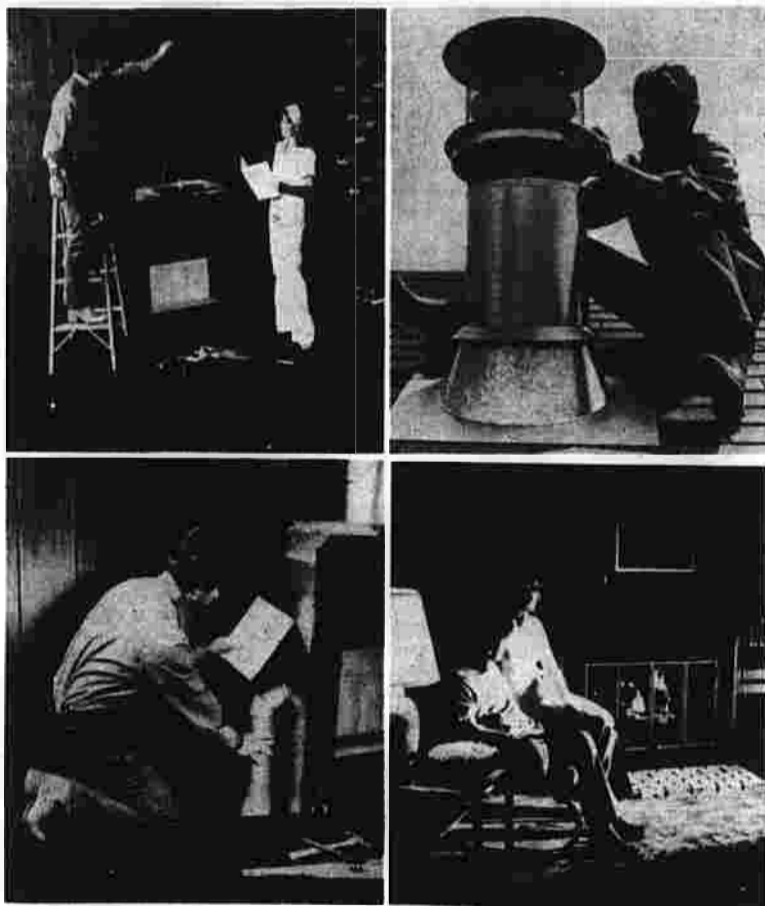
The hearth must be covered with non-combustible material such as brick, tile, concrete, etc. Check your local building codes and installation manuals for further information.

Wide selection

The final finishing can be accomplished in an infinite variety of ways. Choose from sheetrock, paneling, brick, stone or ceramic tile, making sure to check for clearance requirements.

Also be certain that the mantel is at least 12" above the fireplace and that the air openings at the bottom and top of the fireplace are not blocked.

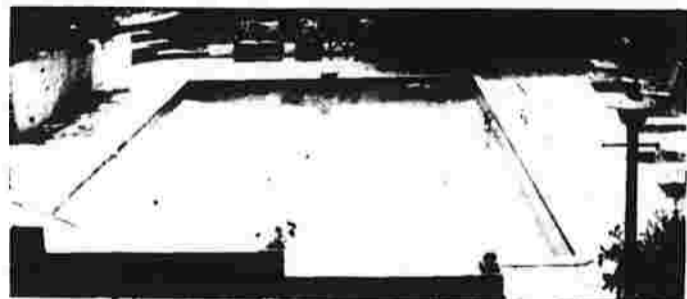
The prefabricated Preway built-in Energy Mizer fireplace is in the price range of \$300 to \$600 depending on the size of the unit, only a fraction of the cost of a built-in masonry fireplace.



NEW PREFABRICATED, ENERGY-CONSERVING FIREPLACES are easy to install in a single step-by-step procedure that any inexperienced do-it-yourselfer can follow. 1) After positioning the fireplace, a plumb bob is used to align the chimney pipe. 2) At roof level, the flashing, storm collar and rain cap are attached to keep out rain and snow. 3) Combustion air ducts on Preway's built-in Energy Mizer fireplace are put in place to allow unit to draw in air from outside the home for combustion. 4) After only a weekend of work, one can enjoy years of pleasure and low-cost heating bills with Preway's built-in Energy Mizer fireplace.

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Trees help to save on heating, cooling

Homeowners who want to save money on their utility bills can take a few tips from their grandparents.

Before technology delivered us from the discomforts of our climate, people used natural methods for cooling their houses in the summer and conserving the heat they had in the cold months.

The natural ways they used are still available, and they are inexpensive and easy to accomplish.

The American Association of Nurserymen points out three smart things homeowners can do to use their energy supplies wisely around the house.

First, make the heating and cooling systems work as efficiently as possible, and use them conservatively.

Second, use other energy sources such as sun and wind.

Third, take steps to reduce energy needs in the home by controlling the effects of climate on the house itself.

Trees and other landscape plantings can help do all these things.

These are methods our grandparents used. They opened their windows on hot days and let cool breezes run through the house.

These breezes were nicely channeled by thick hedges planted in the right places.

Big leafy shade trees were located where they rained shade on the house to keep it cool and comfortable during the summer.

Even in modern houses homeowners can create their own energy-saving mini-climate which will help save money and energy, and will enhance the value of the property.

Proper landscaping with trees, bushes, shrubs, evergreens and other plantings requires just good common sense and a little professional advice from a local nursery garden center or landscape firm.

Some mail order nursery catalogs give excellent advice on this subject.

Shade trees, for example, are among nature's most efficient climate controllers. In the summer, their big leafy umbrellas provide a cooling shade in or around a house.

They also give off cooling vapor through transpiration.

In winter, they drop their leaves and allow the warming effects of the sun to come through. Shade trees planted on the west and south sides of a house are most effective.

The large variety of ivies, such as the popular English Ivy, has a similar effect for climate control when planted on masonry walls (or on a trellis close to a wooden house). They help block out the direct sun rays and the leaves set up a convection current behind them to draw away hot air.

In winter, ivy growing on wind-exposed walls serves as a natural insulator against chilling winds and reduces heat loss from inside.

In seasons when temperatures are low, a windbreak of

evergreens on the north and west sides of a house serves to break up cold winds.

It takes twice as much fuel to heat a house at an outside temperature of 32-degrees F. with a wind of 12 miles per hour as it does for the same temperature with wind at three miles per hour. So a windbreak of trees which can diminish the impact of a winter wind is going to make a substantial difference in the amount of heating energy required.

Reliable tests have shown this difference can be greater than a 30% economy in the amount of heating fuel needed.

These windbreaks are generally best located on the north and west sides of a house—the windward side.

A double or triple row of trees will achieve the greatest reductions in wind-chill and the accompanying use of heating energy.

The trees will do their best job if they are growing a distance from the house that is equal to about 1 1/2 to 2 1/2 times the height of the structure they are protecting. (For example, if the building is 20 feet high, the windbreak would be 30 to 50 feet away from it.)

Smart planting to create an energy-saving "microclimate" means the furnace and the air conditioner don't have to work so hard, and that means a lot to the family budget.

It's an important expression of "Green Survival." Information or advice on how to plan and plant a microclimate is available from local nursery garden centers.

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TREES CAN SAVE WINTER FUEL COSTS . . . It takes twice as much fuel to heat a house at an outside temperature of 32 degrees with a wind of 12 miles an hour, as it does for the same temperature with a wind of only three miles an hour. A barrier of evergreens that cuts the force of the wind makes a substantial difference in heating energy required. Tests reported by the American Association of Nurserymen show the difference can be greater than 30 percent with trees properly placed as shown here on the north and west sides of the property.

Keep out cold, heat is talk of the country

Mark Twain's celebrated observation, "Everybody talks about the weather, but nobody does anything about it," may have been true in the 19th Century when the famed wit first made the wry comment.

Today, however, in the face of record-breaking heat and cold waves across the country, and continuously escalating oil, gas and electricity costs, budget-conscious, comfort-oriented home owners are definitely doing something about it!

One approach to trimming both heating and air-conditioning costs, that has been gaining increasing acceptance among homeowners, is urea-based foam. This relatively new insulator has one of the highest "R" values of any material currently used for reinsulating purposes.

"R" value is the industry standard for measuring a material's capacity to resist cold and heat loss. A product such as Insul Spray foam manufactured by Borden Chemical, for example, has an "R" value of 4.3 per inch at 75 F. degrees, substantially above that of most major insulators.

Though it can be somewhat more expensive than other materials used for wall insulation, foam's cost differential has been narrowed recently due to the shortage-induced hikes in the price of such products as fiber glass and cellulose.

Properly-installed insulation is an energy conservation technique that can be a significant money-saver though the precise amount may vary from place to place depending on climate, house design, amount of attic insu-

lation and individual energy conservation practices.

Professional installation is, in fact, the key to successful, problem-free use of foam insulation. The product is usually injected by trained contractor-applicators, with little or no mess, through small holes drilled into exterior walls, once the siding has been temporarily removed.

Foam insulation, which has the consistency of shaving cream, flows up, down and around pipes and electrical outlets to fill cracks and crevices. After it hardens, the holes are quickly plugged and the siding replaced.

The substance, which also has an ability to reduce intrusive outside noise, is suitable for structures of frame, brick, cement block, stucco or virtually any other building material. All can be easily insulated with foam—often in a single day.

It is important to remember that all foams are not alike and can vary widely in quality and performance. There are approximately 30 manufacturers today in the industry. A series of stringent quality control procedures, both at the manufacturing plant and the installation sites, are standard procedures for the major producers.

Moreover, a company like Borden Chemical will make its patented and warranted, U.L.-labeled product available only to carefully-trained, certified contractors who are required to take an intensive training course. This certification is valid for only six months after which the contractor must be recertified by the company.

Proper landscaping with trees, bushes, shrubs, evergreens and other plantings requires just good common sense and a little professional advice from a local nursery garden center or landscape firm.

Some mail order nursery catalogs give excellent advice on this subject.

Shade trees, for example, are among nature's most efficient climate controllers. In the summer, their big leafy umbrellas provide a cooling shade in or around a house.

They also give off cooling vapor through transpiration.

In winter, they drop their leaves and allow the warming effects of the sun to come through. Shade trees planted on the west and south sides of a house are most effective.

The large variety of ivies, such as the popular English Ivy, has a similar effect for climate control when planted on masonry walls (or on a trellis close to a wooden house). They help block out the direct sun rays and the leaves set up a convection current behind them to draw away hot air.

In winter, ivy growing on wind-exposed walls serves as a natural insulator against chilling winds and reduces heat loss from inside.

In seasons when temperatures are low, a windbreak of

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Little things add to decor

It's the little things in life that count and, very often, the same thing holds true in the sphere of home decorating.

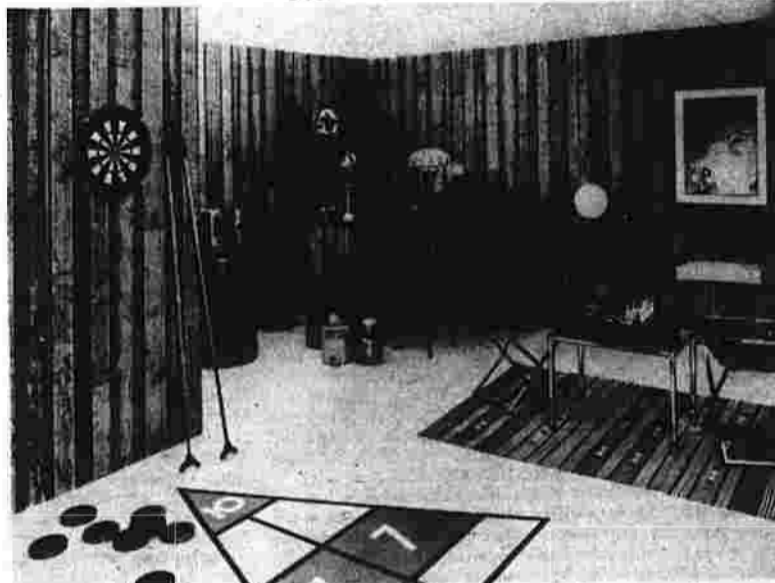
It's those small touches, often whimsical, often impulsive, the knick-knacks that grace your shelves and tables, the paintings and posters that hang on your walls, that truly personalize your home and make it an extension of you.

You may want to project different parts of your personality in different rooms. The kitchen, often a bright and cheery room, can become, especially for the person who loves to cook, a favorite room, and the first place where he or she will begin to accessorize and personalize.

Hang things on the walls. Putting up a pegboard is an attractive way of displaying everything neatly, and it is eminently functional as well. Your favorite cooking tools, cookie cutters and decorative pot holders as well as pots and pans, can spice up your kitchen and become an integral part of your decor.

Since you'll probably be doing most of your formal entertaining in your living room, you've probably gone to a good deal of trouble in choosing your furniture and accessories. Add little touches with the same care.

Family fun for everyone



IF YOU'RE PLANNING to convert your basement into a family or recreation room, you'll want to provide something for every member of the family. This room, for example, offers shuffleboard, chess and checkers, a dartboard, and a "refreshment stand." Basement walls were covered with a durable, prefinished hardboard paneling from Masonite Corporation. Ranchwood Light paneling, applied to 1x2 vertical furring strips, has the look of rustic, rough-sawn barnwood and features a random width planking effect. The planks vary in color intensity and are separated by dark grooves. The textured 4x8 panels also have authentically reproduced knots, splits and cracks.

Manufacturers gearing to ease fiber glass insulation shortage

The shortages of fiber glass insulation that many homeowners are experiencing is being met head-on by manufacturers like Johns-Manville, who are now rapidly expanding their insulation production capacity across the nation.

Determined to eventually meet the ever increasing demand for fiber glass insulation, Johns-Manville is in the midst of a \$200 million expansion program.

All seven of J-M's domestic fiber glass producing plants will be expanded. This program will result in doubling J-M's fiber glass insulation production capacity by mid-1980 over 1976 levels.

This is the second expansion program for Johns-Manville this decade. In 1975 J-M completed a \$100 million fiber glass expansion program that was initiated in 1971.

Despite this major expansion, high demand is expected to continue. "Demand for insulation will continue very strong for the foreseeable future," states Joseph D. Murphy, Merchandising Manager for Building Insulations at J-M.

"With new housing starts continuing strong, ever higher thermal standards, and the desire by energy conscious homeowners to in-

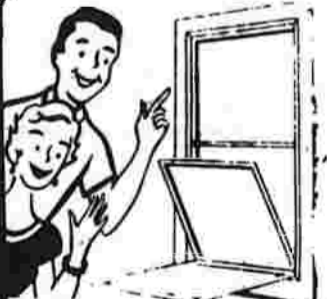

crease the thermal efficiency of their homes, the insulation business will continue to experience shortages for at least the next two years."

J-M's fiber glass manufacturing process now features an advanced process which has increased production of fiber glass insulation while consuming less energy.

In pilot operation at J-M's Richmond, Indiana facility, the process is already in service at a new insulation plant at Innisfail, Alberta, Canada. Additional units are being installed at the Winder, Georgia; McPherson, Kansas; Willows, California and St. Avold, France plants.

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Mulching mower furthers cleaning up and fertilizing

Maintaining a healthy and clean-looking lawn in the fall of the year can be quite a chore. While the grass continues to grow, your lawn becomes covered with leaves which need to be removed by the time-consuming task of raking, bagging and hauling them away.

One alternative is to mow through the leaf accumulation, and with present conventional discharge mowers, rake, bag and dispose of the grass clippings and leaf residue.

Another alternative is to rake, bag and haul away the leaves before mowing. This means still another round of raking, bagging and hauling, since with side discharge mowers the long clippings stay on top of the lawn and turn an unsightly brown while tending to stunt new growth.

In both cases, even if your mower has an attached bag, the messy chore remains of emptying the bag and disposing of the grass clippings or leaves.

With the exclusive cutting action of the Bolens Mulching Mower, these time-consuming chores of removing leaves and grass clippings can be eliminated.

With its enclosed mower deck and multi-pitched blade, the Bolens Mulching Mower cuts and re-cuts the grass and at the same time chops a dry leaf cover into a fine mulch which is then blown down into the lawn.

These particles then quickly decompose, returning valuable nitrogen to the soil while also preventing the build up of a thatch-like layer that can choke off new growth or otherwise damage the lawn.

Your lawn is mowed.



A DRY LEAF COVER can be chopped into fine mulched particles with the Bolens Mulching Mower. These natural nutrients are then blown back down into the lawn, eliminating all the work and expense of leaf removal.

groomed and fed in a single pass. For the homeowner this all means less fertilizing, less work, the savings in the cost of leaf bags and, of course, plenty of time to enjoy the beautiful autumn days!

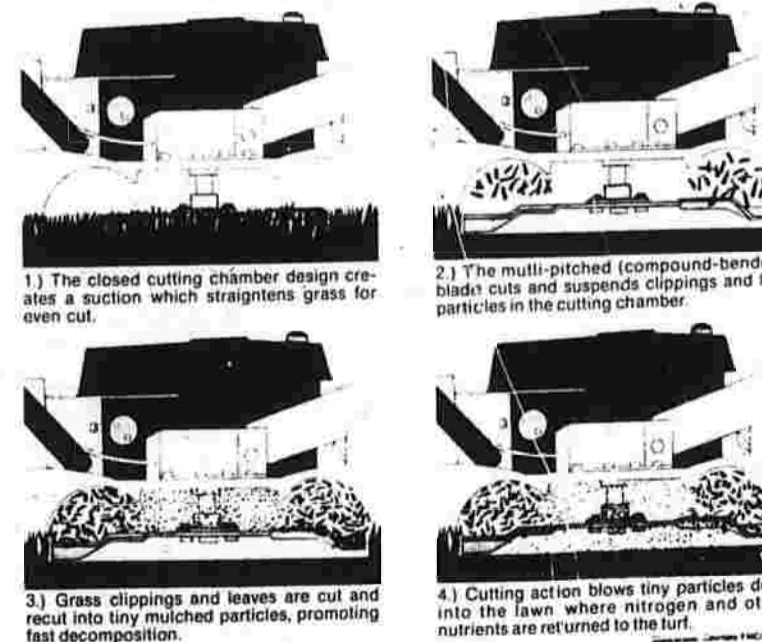
In addition, the enclosed deck (no discharge chute) on the Bolens Mulching Mower virtually eliminates the hazard of flying debris and allows border trimming on both sides of the mower without spraying unsightly clippings or leaves onto patios, flower beds or against the walls and windows of the home.

Bolens Mulching Mowers are available in your choice of 18, 20 and 22 inch cutting widths, manual or electric start, push or self-propelled models at Bolens dealers everywhere.

All Bolens Mulching Mowers feature durable all-steel construction with steel axle-mounted wheels inset for easy trimming and simple click-lock height adjusters for precise mowing.

The handles can be set for the comfort of the operator or in a floating position for mowing an uneven terrain and fold down conveniently for easy storage.

THE PROCESS OF GRASS MULCHING



Basic home repairs explained by a professional handyman

Even the "all-thumbs" homeowner can learn to cope with household repairs or emergencies, says professional handyman Gary Paulsen. Master the tricks of the trade used in his book, *Successful Home Repairs: When Not to Call the Contractor*, Paulsen claims, and you will be able to handle over 100 home repair jobs.

Begin by setting up a maintenance program that will help prevent the need for major repairs. Paulsen's program is designed to take only minutes a month. But it can mean many hours and dollars saved in the kind of big repair work which stems from neglect or from not catching problems in time.

The book provides nearly 200 illustrations, photos, and diagnostic charts, plus a glossary and index. It offers do-it-yourself repairs for ev-

erything from foundations to rooflines, including plumbing, heating, utilities, walls, windows, doors, and exteriors.

Advice on the special cases for which a contractor should be called, and cautions on how to hire one, are also given.

Successful Home Repairs

is available at bookstores, or for \$4.95 plus \$1 shipping, direct from Structures Publishing, Box 1002, Farmington, Michigan 48024.

MARKET LISTS

Keep a sheet of paper in a convenient place in the kitchen, attached to the door of the refrigerator with a magnet. As you run low on staples, jot it down.



LET your hammer strike a padded piece of scrap instead of your expensive new paneling. One of the many tricks of the trade found in **SUCCESSFUL HOME REPAIR**.

Carpet capers dogs will do!

In most cases, dogs and new carpeting just do not go together.

Sad but true, dogs shed; dogs get muddy feet; dogs trail greasy bones around.

To keep your dog off your brand new carpet is not all that easy. You can't just say to him, "Now don't go near the broadloom."

To keep him in his own safe environment—while at the same time allowing him to be one of the family—place a baby gate across the entrance to the newly decorated room.

Small dogs will be able to see through the gate; large dogs will be able to see over the gate and will have to be admonished the first several times they jump over it.

Be sure to keep his toys with him in his confinement. And when he is let out to join you, bring out a couple of toys for him to play with. Be sure and return them when you put the dog behind the gate for the night.

Sooner or later, that new carpet will get its first stain. Then it's up to you whether to let your dog roam at will.

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Resurfacing home outside will cut indoor cost of fuel

Despite rising energy costs and severe winters, you may markedly reduce heating fuel use by resurfacing the exterior of your home with insulated aluminum siding.

Uninsulated siding, be it aluminum, vinyl-plastic, steel or wood, has little more insulating value than standard brick or stone.

Installed on over 11,000,000 homes during the past 30 years to reduce maintenance and eliminate painting, aluminum siding is now being applied over several different kinds of insulating materials to save energy.

It is important to know what kinds of insulation are

available, and what each will accomplish to get the best value for your money. Insulating systems are measured by thermal resistance values (R values). The higher the number, the better the insulation properties.

Very effective, with a 5.6-6.0 R value, is aluminum siding over a sandwich of insulation consisting of foam plastic board, two layers of reflector foil and an airspace provided by 3/4-inch furring strips.

Also effective, with a 2.5-3.0 R value, is insulated aluminum siding with a polystyrene backer and one layer of foil. Next is a hollow-backed aluminum siding with a fiberboard backer providing an R value of 1.5.

Aluminum siding with foil alone has an R value of 1.1 and uninsulated siding of any kind has an R value of less than one.

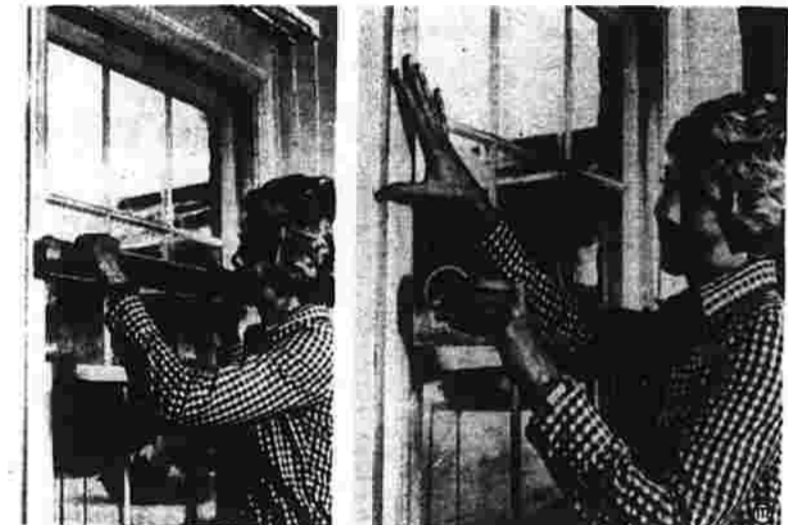
Aluminum siding experts say that an airspace is one of the best insulators that can be incorporated into an insulation system. Thus, when furring strips which separate two layers of aluminum reflector foil, along with an insulating backer board, are added to the outside of an old home when the siding is installed, the result is three air spaces—one between the foil and the old siding; the second between the two layers of foil; and the third between the foil and the new



WHEN REDECORATING with aluminum siding be sure to use the insulated kind because it conserves the most energy. The insulation comes as factory laminated backer board or as drop-in panels which are installed behind the aluminum siding panels. For greatest savings use insulation backer over aluminum foil. Photo: Aluminum Association.

siding. Proper caulking around windows and doors before trim and accessories are added to the siding will help insure air tightness.

To learn more about insulated aluminum siding and estimate how much you can save by installing it in your home, write to the Aluminum Siding Information Bureau, 250 West 57th Street, New York, N.Y. 10010 for a free copy of the booklet, "A Homeowner's Guide to Choosing Siding," and "The Energy Saving Worksheet."



A BRAND NEW INTERIOR STORM WINDOW called Weatherizer, now being introduced, is simplicity itself to install. Made of high-optical-quality, semi-rigid DuPont Mylar, it comes in rolls and is extremely easy to handle. It hangs straight down the window frame. You can tape it to the frame by acrylic tape which also comes in the kit, along with a marking pin and easy-to-follow instructions. It comes in two sizes: 36" x 60" or 48" x 80". It can be removed and stored. Extra tape is available at dealers for re-installing the next season. For more information, contact Plaskolite, Inc., 1770 Joyce Avenue, Box 1497, Columbus, Ohio 43216.

Inside window sealing kit cuts heat loss dramatically

By using insulation wisely, many of the houses in the United States can save as much as 50 percent on heating or cooling costs, which is a substantial offset to inflating energy prices.

This is especially true of the majority of houses built before the 1960's, and those with air conditioning units installed after the house was completed.

However, it's important to balance your efforts to save on energy costs. For example, let's assume you've spent some money for attic insulation. That's good, but if you've neglected putting on storm windows or laying insulation under floors or over crawl spaces, you're being penny wise and pound foolish in terms of saving dollars for heating.

A substantial proportion of all the heat lost in a house is through its windows and doors.

Today, because of recent advances in technology, it's inexpensive and very easy for the do-it-yourselfer to insulate windows.

For example, a new product recently developed, according to independent labo-

ratory tests, cuts heat loss from uninsulated wood windows by as much as 93 percent!

Tests also show that it is 26 percent more effective than typical triple-track storm windows.

Called the "Weatherizer, the all season window sealing kit" by its manufacturer, Plaskolite, Inc., Columbus, Ohio, it is semi-rigid, comes in a roll, and is nearly optically perfect, according to the maker.

The high optical qualities, according to the manufacturer, are because it's made of the same material used for X-ray film, although much heavier.

Weatherizer's big advantage is that it is extremely light and can be easily handled by a housewife.

Because it is mounted on the inside, there is no danger present as when ladders are used. It is wrinkle-free, hangs straight, is scratch-resistant, very tough and tear-proof. By being mounted on the window frame with tape, it eliminates virtually 100 percent of air infiltration.

"Infiltration" is the engineer's word for air that penetrates through cracks

cracks in the window, and cracks between the window and its frame. The Weatherizer stops all that.

However, besides cracks between the window and its frame, in old houses there are sometimes cracks between the window frame itself and the wall.

Caulking and putty will close off this kind of infiltration. In addition it's good to check around chimneys for any cracks allowing air to come in.

Infiltration of air around doors is frequently a serious source of heat loss. Weatherstripping and molding around the doors is the way to stop this.

Still another place to check for cracks is around your air conditioner if it's been installed in your window.

All in all, if you've stopped heat loss through and around doors and windows, you're going to save a lot of money every year. You've been literally throwing it away.

For more information on how to keep from losing heating (or cooling) dollars through windows, write Plaskolite, Inc., P.O. Box 1497, Columbus, Ohio 43216.

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EFFICIENT THRU-THE-WALL HEAT PUMP for add-on room—As many families are adding a room to their present home instead of building a larger new home, they are generally finding the existing heating/cooling system can't adequately handle the additional space. According to General Electric, its efficient Zoneline® III thru-the-wall Heat Pump is a practical Heat/Cool system for most any size add-on room.

Add comfy room with thru-wall heat pump

It's easy for a growing family to outgrow its home. Happens every day. And, considering the high cost and often remote location of available real estate, plus today's cost of building, the economical decision is to add a room to their present home.

Erecting the three walls and extending the electricity is basic. However, in most cases, the existing heating and cooling system can't adequately handle the added space—and it may be too expensive to expand the existing system.

Including comfort conditioning is easy as "1-2-3" using a Zoneline® III extended range heat pump from General Electric. It installs by securing a wall case into a framed-out wall opening, the 230/208-volt wiring hook-up is made, and the chassis is slid in.

For those not familiar with a heat pump, a GE spokesman explained: "A heat pump is an air conditioning unit that has a valve which reverses the flow of refrigerant in the system. When refrigerant flow is reversed, the system changes from a cooling to a heating system."

"A heat pump collects heat and pumps it from one place to another. In summer it takes heat from the room and transfers it outdoors. In winter, it takes heat from the outdoor air and transfers it into the room."

Based on the latest Federal Energy Administration test procedures, the three 42-inch models in the Zoneline III series have performance ratings (in cooling capacities) of 9,100, 11,500 and 13,700 BTUH, with EERs (Energy Efficiency Ratios) of 7.5, 6.9 and 6.6, respectively, at 230 volts. And, because the units operate as reverse cycle heat pumps with defrost down to 35°—and lower depending

on associated outdoor humidity conditions—they offer the significant savings opportunities on heating bills when compared to other electric resistance heating devices.

These savings will vary depending upon geographic location. Examples of estimated annual heating energy savings—compared to electric resistance heat/cool air conditioners—in various cities are: Atlanta, 40 percent; Los Angeles, 55 percent; Seattle, 44 percent; Boston, 27 percent; Philadelphia, 30 percent; and Dallas, 41 percent.

In addition to the operational savings possible with a Zoneline III Heat Pump, it can easily be turned off when the room is not in use, without affecting the cooling or heating in the rest of the house.

Using the separate unit also adds the flexibility of providing heating or cooling tailored to the occasion. For example, if the new room is being used for a party, more cooling or less heating will be needed than for the rest of the house. Simply adjust the thermostat accordingly.

The Zoneline III Heat Pump is also backed by General Electric Customer Care® service in the 48 contiguous states, Hawaii and Washington, D.C. Service is available by a network of Factory Service Centers in over 800 cities, plus more than 5,000 franchised services, many of which are in the Yellow Pages.

Although generally used in offices, apartments and hotels, GE thru-the-wall Heat Pumps are readily available through installing contractors for residential modernization, certain single-family new construction, or vacation cottage-type applications.

New siding adds years to home life and beauty

That beautiful clapboard, brick or fieldstone home down the street that you've admired so often may not be clapboard, brick or fieldstone at all. It could be finished in any of a number of siding materials, made to resemble the real thing. And unless you examine it carefully and at close range, you'd never know the difference, says the National Home Improvement Council.

The installation of new siding can dress up a home as no other single improvement can. It can, depending on texture, pattern and color, make the home appear taller, wider, more rustic or modern. It protects the home and adds years to its life. And it certainly can cut upkeep costs and maintenance.

Among the siding materials currently available are:

Aluminum, which gives your home complete protection, even from electrical damage. Properly installed, it prevents moisture buildup, paint and wallpaper peel, plaster cracks and mildew.

Aluminum siding can be depended upon for years of low maintenance service and is available in a virtually unlimited selection of colors, styles and textures.

Vinyl, like aluminum, is impervious to weather, rot, mildew and termites. Surface marks and scratches don't show because the color is in the material and goes right through it.

Vinyl siding insulates against cold, heat and noise, won't support combustion and can't rot or peel. The rain

washes it clean. Stubborn dirt can be removed by washing with a mild detergent.

Prefinished mineral fiber siding is made of cement, mineral fibers and wood, and retains the best characteristics of each. Like cement, it won't warp, burn or rot.

Like mineral fibers it won't split, or swell. And like wood, it can be sawed and shaped. If your home presently is finished in wood shingle or wood shake, this might be the siding for you.

Hardboard has a lasting appearance and is easily maintained. Many hardboard sidings come primed from the factory, while others are completely prefinished.

There are a wide range of architectural effects possible with horizontal lap siding, grooved, ribbed or striated panels or plain panels for use with battens. The color possibilities are also varied and interesting.

Other siding materials include redwood, plywood, steel and a variety of specially treated paints.

But no matter what type of siding you select, remember that the installation is as important as the material. A qualified contractor is your best assurance of proper installation, done according to the manufacturer's recommendations.

It's always a good idea to consider insulating your walls when new siding is being applied. The cost of insulation can be reduced if it is done in conjunction with a siding job. Discuss it with your contractor.

'R' value—what it is and what it does

Any discussion of insulation centers around the material's "R" value. It's what makes the insulation insulate and what, in the final analysis, you pay for when you buy insulation in any of its various forms. And it's not all that mysterious.

"R" value is nothing more than the measurement of the insulation's resistance to heat flow—how well it resists winter heat loss and summer heat gain. The higher the "R" value, the more effective the insulating value of the material.

Thus, an insulation material marked R-22 by the manufacturer provides twice the heat resistance of an R-11 material.

In buying insulation, remember it's the "R" value of the material, not the thickness, that determines how well it insulates.

Different home areas require different "R" values. Thus an attic, where a great deal of heat is lost, needs a higher "R" value than a liv-

ing room wall or kitchen floor.

How much insulation in terms of "R" values do you need for your home? That depends, among other factors, on your location, utility rates, amount of existing insulation and whether your home requires both heating and cooling.

All homes need some insulation protection, either to keep heat in or keep it out, but in varying amounts. Recommendations by bodies such as the National Home Improvement Council, National Bureau of Standards, Edison Electric Institute and insulation companies average out to R-30 for ceilings, R-19 for floors and R-13 for walls.

To safeguard you against the disreputable operators who have moved into the field as public awareness of the value of insulation has grown, the following table shows the general ranges of "R" value per inch of the three most common insulation materials:

	Batts/Rolls	Loose Fill
Glass fiber	2.7 to 3.7	2.1 to 2.4
Rock wool	3.1 to 3.6	2.7 to 3.2
Cellulose fiber	—	3.1 to 3.8

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WHAT'S NEWS

Map Options

WASHINGTON (UPI) — Press secretary Jody Powell who said President Carter had directed U.S. strategists to map out options that can be taken should the Russians refuse to pull their combat forces out of Cuba, said Thursday, "We are now prepared to go shortly to the Soviets with specific proposals involving the situation."

Carter ruled out military action, as one highly placed White House official who asked not to be identified, put it, "Obviously no one is considering an attack on Cuba." Early Thursday, several key senators warned the SALT II pact had little chance of Senate ratification as long as the Soviet combat brigade of 2,000 to 3,000 troops remains on the island.

Guard Duty

WASHINGTON (UPI) — Late Thursday afternoon four Secret Service agents entered Sen. Edward M. Kennedy's office by a side door to begin round-the-clock guard duty that will continue until he leaves the presidential race or wins it. The protection was ordered by President Carter because of threats received by Kennedy since he began sounding like a presidential candidate.

Kennedy said, "I accept President Carter's generous offer of Secret Service protection and I deeply appreciate his action in this matter." Presidential press secretary Jody Powell told Kennedy's spokesman, Tom Southwick, "We're glad to do it. Tell him the most important thing about security is to say nothing about it."

The Economy

London: Gold soared to an all-time high again Thursday, the 10th time in the last 14 days, and the dollar dropped to its lowest mark this year on some European markets.

Tokyo: The U.S. dollar continued downward against the Japanese yen today, closing the week at 221.40 yen, down from 222.35 at Thursday's finish. Trading was heavy.

Chicago: Citing the "severe effects" harvesting farmers are suffering because of a Rook Island Line strike, President Carter has ordered workers on the bankrupt railway back to work for a 60-day, cooling-off period.

Detroit: Chrysler Corp. directors have given Lee A. Iacocca full executive control of the corporation and his own team of former Ford Motor Co. cohorts to mastermind its resurgence.

Chicago: The First National Bank of Chicago and the Harris Bank, have announced prime rate increases of 25 percent to 13.25 percent, highest in the history of both banks.

Energy Update

Washington: The average American consumer would have been \$200 richer this year if the government had jettisoned energy subsidies and price controls in favor of free market competition in 1978, a former top U.S. energy official said Thursday.

Washington: Higher-priced foreign oil and demand for fuel-efficient automobiles from abroad pushed the United States' balance-of-payments position into deficit by \$965 million during the second quarter, the government reported Thursday.

Kuwait: Algeria and Libya, producers of light African crude oil highly suited to the manufacture of U.S. gasoline, may follow the lead of Nigeria and raise their oil prices, the Kuwait news agency said Thursday.

Stamford, Conn.: Conoco Inc. said Thursday it will comply with President Carter's request to hold home-heating oil prices at current levels for the rest of 1979 unless



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