

Wayne County's Oldest Weekly Newspaper Established 1869

The Northville Record

IF IT'S NEWS ... AND IT HAPPENS IN NORTHVILLE ... YOU CAN READ IT IN THE RECORD

Vol. 109, No. 2, Five Sections, 94 Pages Plus 3 Supplements

Wednesday, May 10, 1978 - Northville, Michigan

TWENTY FIVE CENTS



It's Mother's Day!

Because Kim Morrison has a brand-new her, from the left clockwise, are Aaron, 3,

Center and Rayson in a building owned

mission at its May 2 meeting that he has

several Papa Romanos fast food outlets

specializing in pizza in shopping centers in Southfield.

He originally submitted a plan for the

building that featured a mansard roof

similar to other newer buildngs on

Most recently the building has been

used as a Detroit News distributor sta-

tion. Bress. however, has received

planners' approval to move the News station to an adjacent house on Rayson.

At its April 18 meeting Nino reported

the applicant had submitted a plan.

Nino was asked to give him guidelines

for a plan that would meet specifica-

tions and be more in keeping with the

It was Nino's suggestion, Hancock

said at the meeting, to restore the struc-

ture as an early-era gas station, which

it was. In planning the themetype decor, he said, old garage doors that

has been stored above the main floor

The drawing presented to the city

commission, however, lacked detail

and scale and was returned to the appli-

cant. Commission chairman C. Thomas

Wheaton explained that the planners

were not rejecting the concept but "we

downtown development program.

were discovered.

Hancock told the city planning com-

by James Bress

Center.

Council sticks to 1.5 mill increase

Tax hike budget goes to hearing

The projected 1.5 mill tax hike still stands going into next Monday night's City of Northville public budget hearing

At its last budget session this past Monday, council members concluded they could not trim back the anticipated increase without jeopardizing services.

If the council decision sticks following next week's 8 p.m. hearing in the council chambers, it will mean the city's tax rate will increase from 12.9 to 14.4 mills.

A mill of taxes raises \$50,650.

Before Monday's hearing citizens may review the budget either at the city hall or by checking out copies from the city hall.

The proposed general fund budget is balanced at 1,700,266 - up from the \$1,509,340 budget figure for 1977-78 and up from \$1,596,974 estimated actual expenditure for the year.

Councilman Wallace Nichols observed this week as the council concluded its studies, "About the only substantive means of cutting this budget is to lay off ople. I don't like it (budget increase) but there's little we can do about it."

"I've been over (the budget) with a fine tooth comb," said Mayor Paul Ver-non, "and I'm satisfied with it. I could find very few cases where it could be cut; and those cuts would be very nominal."

"I'm prepared to go to the budget hearing with the budget (intact)," said Councilman Stanley Johnston.

Councilman Dewey Gardner said he was "amazed" that, despite inflationary costs, the budget seems to obtain more service for the tax dollar. When Councilman J. Burton

DeRusha asked if there was any "featherbedding" in the budget, City Manager Steven Walters replied that the police department outlay does not reflect an excess of manpower, and that the clerical staff remains fixed despite increasing workload.

As for the Department of Public Works, Mayor Vernon called it "lean." Unlike previous city administrations.

council has not said what percentage of

Mapes, will be eliminated on June 1, and the DPW superintendent will become Mapes.

3. Upon retirement, Hartner will be retained as fire chief and as part-time inspector and consultant on public work and construction projects, at a monthly retainer of \$1,000 plus paid hospitalization, until December 20, 1979.

At the time council approved the reorganization (in November of last year), the city manager pointed out that the plan "has a financial aspect for Bud, which I think is equally important for this deserving employee. The retirement allowance plus the monthly fee will amount to approximately his present salary for the transition period, until December 20, 1979, when he becomes 62 years old and eligible for Social Security. Thus, the transition is beneficial to both the city and Bud."

In its budget session last week, council had been told that preliminary investigation indicated the city might save better than one-half mill of taxes by contracting out garbage collection service rather than having the DPW do this work.

However, by the weekend after closer examination of figures the city manager had learned that the "savings" would not be nearly as great as

first anticipated - not nearly great enough to warrant a change in the garbage collection operation given the level of service now received in the city.

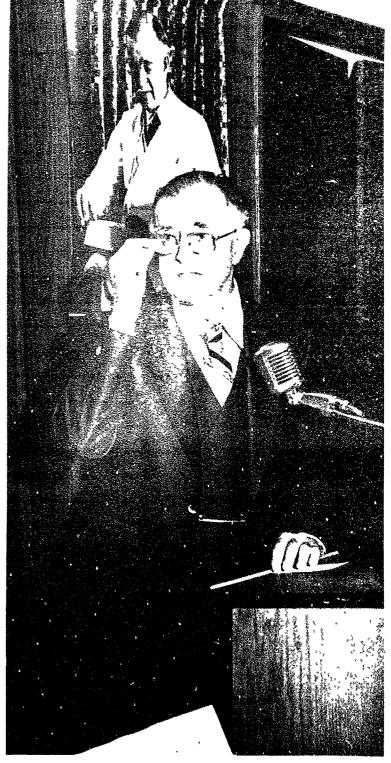
The higher millage rate reflected by the proposed budget is expected to generate \$726,961 in taxes.

According to the manager, the increase in the dollar tax levy in the proposed new budget is \$107,580. The millage increase, he explained, will produce \$75,945, while the increase in the SEV reappraisal will produce \$35.945.

Increase due to new construction will not materialize in 1978-79, he said. In fact, the manager estimated that revenues in this category will decrease by \$4,340 because new construction will be offset by demolitions and tax exemption status of the Open Door Christian Church, which now owns and occupies the former taxed Drawbridge Restaurant building at Dunlap and Center streets.

For the average taxpayer, the proposal means a 5 percent increase resulting from SEV reappraisal and a 11.6 percent increase from the 1.5 mill addition for those living in Wayne County, while those living in Oakland County

Continued on Page 13-A



eighth reason to celebrate Mother's Day this Sunday, we asked the Morrison family to pose for a Mother's Day picture at the Mill Race Village. Mrs. Morrison is holding Kathleen

See 'gas station' decor for eatery

In the near future pizzas and chicken drive-in for the southeast corner of take-outs may be picked up at a gas sta-tion reminiscent of the 1920's on Center Street.

That was the suggestion of city planning consultant Ronald Nino as Ronald Hancock of 44810 Galway Drive submitted plans for a Papa Romanos fast food

Deny addition

for apartments

Plans for an eight-unit addition to the Little Hill Apartments at 235 Hutton were reviewed by the Northville City Planning Commission at its May 2 meeting, but landscaping, site and architectural approval being sought was unanimously denied.

Orval Hayes, owner of the property who had purchased it from Kenneth Rathert, and his architect, Robert Seymour, were told that they would have to take the plans to the zoning board of appeals for a variance as the proposed structure was too close to the lot line on the south side adjacent to the Arbor Drugs building.

Hayes indicated he thought it would be possible to use the variance previously obtained by Rathert in June, 1977.

Continued on Page 13¹A

Amberlee, 12, father James L. Morrison, Brandie, 13, Ti, 16, James II, 15, Ryan, 9, and Abigail, 8.



THE CITY'S TAKE from betting revenues at Northville Downs will increase by \$70,000 for the fiscal year 1977-78. Last year the city's share of the mutuel handle at the harness racing facility was \$609,260. This year (July 1, 1977-June 30, 1978) it will total \$679,000. Cities in which tracks are located in Michigan receive rebates from the state amounting to 20 percent of the state's share, not to exceed \$700,000 annually.

MICHIGAN WEEK will be celebrated May 20-27 with the Ci-ty of Northville paired with Fenton in the traditional exchange of mayors on Government Day, May 22. Ann Brueck again is serving as Northville's Michigan Week chairman.

THIS MONTH'S Northville Township Board meeting has been postponed a week. Originally scheduled for tomorrow (May 11), the meeting instead will be held May 18 at 8 p.m. in the Northville Township offices.

WOMEN WILL be in control of Student Congress at Northville High School next year. Elected Friday were juniors Sherryl Wissman, president; Kelly Wissman, president; Kelly Mikton, vice president; Suzie Heinzman, secretary; and Cheryl Latoof, secretary.

Sheet Han and a manager manager is I will

Continued on Page 13-A

increases for salaries are projected in the budget.

Going into Monday's budget, no projected city employee salaries are available.

Although council has an idea of what it may pay non-union city ad-ministrators, it declined to disclose those figures pending completion of negotiations with unions for other employees.

Presumably, administrative salaries will not be fixed until union settlements are made.

Among the city's top administrators are the city manager, DPW director, police chief (who has not yet been appointed) and the city clerk.

Three additonal personnel are anticipated in the new budget — a police chief and two patrolmen. In additon, Herman Hartner will be retiring from the DPW as its long-time superintendent but assuming full time duties as fire chief and inspector.

Theodore Mapes, Hartner's current assistant, is in line to become the new DPW superintendent.

According to the city manager, no payroll increase for the two additional patrolmen is seen in the 1978-79 year. Salaries for the two patrolmen will be offset, for at least the first year, by a corresponding reduction in overtime pay, Walters said.

Additional personnel in the police department will mean a total of 15 officers, four dispatchers and a police chief for a total department of 20 per-

In its advertising for a police chief, council disclosed a salary range that had a lid of \$26,000.

Reorganization of the department of public works and the fire department with Hartner's upcoming retirement as the DPW chief was decided several months ago by the council. Presently, Hartner also serves as part-time fire chief.

That reorganization calls for these steps:

1. Hartner's retirement on June 1 as DPW superintendent after 32 years' service for the municipality.

2. The position of assistant public works superintendent, now held by

It's his show

Dr. Russell M. Atchison, honored for 40 years as a general practioner in Northville by a capacity crowd at a dinner-dance Saturday at Meadowbrook Country Club, proved to be the star speaker of the evening as he reminisced about his early experiences. During the program he received a Congressional citation, state awards and other honors. See Pages 1 and 6 D.



145 E. Cady - Northville - 349-4480

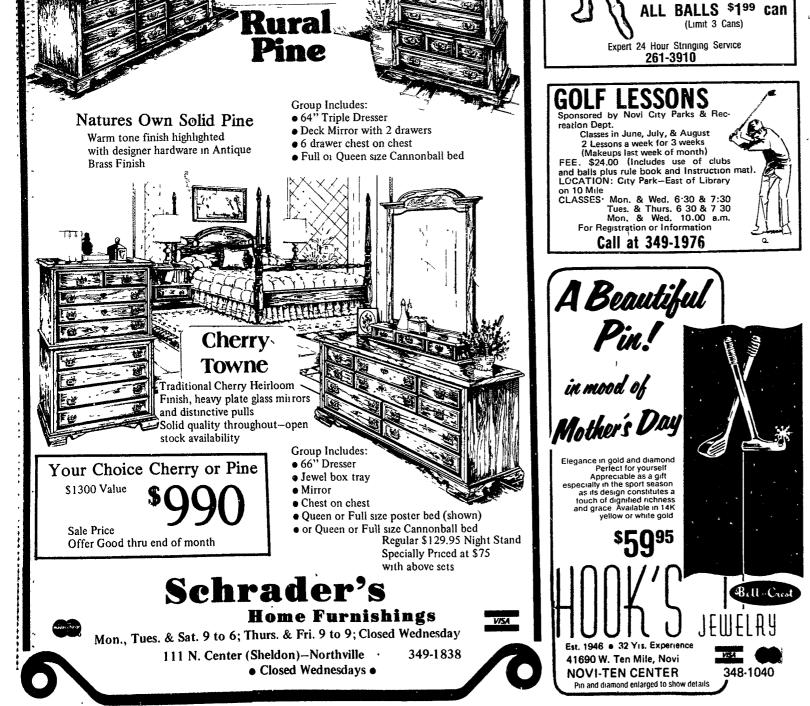
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Kids learn hard way about BB gun rules

man's fancy often turns to BB guns.

When it comes to spring, a young Although it has never been tested, a provision in the ordinance holds



That was the case with three Highland Lakes youngsters who shifted violate the BB gun ordinance, he said. their target practice from tin cans to school windows last week.

The three, aged 11 and 12, are fifth and sixth graders at Silver Springs Elementary School.

Last Monday night at about 6 p.m., they put seven holes into three windows, according to township police.

Damage estimates are not available yet, but principal Nancy Fieldman said one of the windows was in the \$90 range.

Because the cost of premiums is prohibitive, the school system does not carry insurance on windows. A bill has been sent to the students' families, according to financial administrator Thomas Goulding.

The boys admitted to the shooting after they were questioned by township police.

An ordinance prohibits youngsters under the age of 18 from possessing or shooting BB guns in the township, according to police investigator Phil Presnell.

parents responsible if their children The three culprits, duly warned by the police, have written letters of apology to the school district.

June 3 is date for flea market

Want to turn \$5 into a nifty profit? If you have something interesting to sell - arts and crafts, odds and ends, appliances or an old car - you can reserve a space at the Northville Student Congress Flea Market next month. Scheduled for Saturday, June 3, from 10 a.m. until 6 p.m. in the high school parking lot, the flea market will raise funds for next year's Student Congress. About 20 people have already reservi ed space. Others can do the same by calling Kelly Mikton at home (349-9041) or at the high school (349-3400).



By Supreme Court ruling

Seven Novi Township parcels to be annexed to city

The largely untilled farmland on Northville's border, near the northeast corner of the C&O railroad and Eight Mile Road, is about to take its last Novi Township breath.

It and six other unconnected parcels of land in Novi lost a struggle to survive last week when a ruling of the United States supreme court in effect upheld their annexation to the City of Novi.

The high court's ruling climaxed a seven-year battle that had virtually frozen all annexation decisions in Michigan.

For the State Boundary Commission, the nation's high court ruling was an-ticlimatic, since it already was proceeding as if the State Supreme Court's earlier decision was law

According to the City of Novi, the only step remaining to officially make the lands part of the city is the fixing of an effective date by the boundary commission. And officials are pressing for an early effective date.

All that remains now of Novi Township — a township that once en-compassed 36 square miles and included much of the northern part of Northville such as Northville Estates, Amerman Elementary and the high school property, and lands now containing Northville Heights and Village Green subdivisions - is Brookland Farms subdivision located at the northwest corner of Novi and Nine Mile roads.

Residents of Brookland Farms are resisting governmental change. They are content to remain in what is the smallest township in Michigan.

Not only is Brookland Farms a "township island" surrounded by City of Novi, it is part of the Northville School District and, like other sections of southern Novi, it carries a Northville mailing address.

Brookland Farms residents decided recently to "hold off" becoming part of the city as long as possible. Some residents are suggesting that if the subdivision becomes part of a city it should be Northville.

However, since the subdivision is not contiguous to Northville, it is doubtful that such an annexation can legally or practically take place, one observer said.

Northville City Attorney Philip Ogilvie, when asked about the possibility, said, "In my opinion, there is no way the State Boundary Commission would

permit it. It's out of the question." Unlike the other small sections of

Novi Township which are about to be officially annexed to the City of Novi, Brookland Farms has always carried its township status.

That's because when Novi was incorporated as a village in 1958, Brookland Farms opted to remain in the township.

After incorporation the other small areas - all on the borders of Novi then decided to disconnect from the village under an old law that permitted active farmlands to quit the village.

Thus, in 1969 when Novi incorporated as a city, only that area comprising the village became city. Brookland Farms and the seven other parcels of land still clung to township status.

William B. Chase, owner of the property at Eight Mile near the railroad, was one of those who chose to disconnect. His property - including his picturesque white mansion at Griswold, Base Line and Eight Mile Road - is one of the seven annexed parcels.

effort to accelerate progress on the re-

iuvenation of lakes and parkland along

the Middle Rouge River in Western

Wayne County.

The boundary commission voted last month to let the Novi annexation proceed.

With that action a seven-year dispute, which involved state-wide annexation came to a close. Michigan annexation cases had bogged down until the State Supreme Court issued its supportive ruling last fall.

The Novi Township case was even more complicated because of the question on whether or not to join Brookland Farms with the seven other township areas - a move that would have allowed residents of the township to vote on the question.

State law requires a vote only if more than 100 residents live in the area proposed for annexation. When the annexation was proposed in 1971 Brookland Farms contained 150 residents and the remaining seven parcels had few than 100 inhabitants.

Even though the seven parcels have about 1,300 residents today, the boundary commission was not required to

made "on the record" - as it stood seven years ago.

> Brookland Farms residents rejected joining the city in a 73-4 vote in 1973.

In its decision involving all of the township areas, except for Brookland Farms, the boundary commission con-

give them a vote since the decision was cluded that Novi Township was an unworkable and illogical form of government.

> "In essence, in a city of 32 square miles, there's no way that the residen \boldsymbol{s} of these small islands could not benef t from the City of Novi's more advanced type of government," one of the commissioners said.



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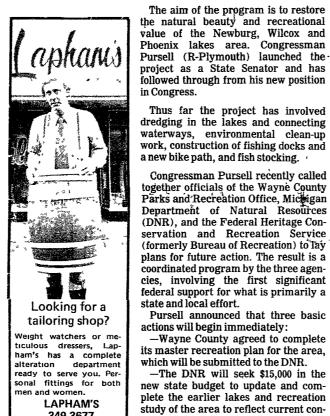
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349-3677 120 E. MAIN NORTHVILLE

Mon.-Tues.-Wed.-Sat. 9-6

funds to forge ahead with completion of Congressman Carl Pursell has initiated a cooperative local-state-federal the project.

Wayne County should be able to finish the master plan within 60 days,' Republican Pursell estimated. "Final review and approval of the county plan by DNR should be ready by the end of the year. which will match up with our request for planning funds in the 1979 budget.

'We believe we can have all the pieces in place and be ready to aggressively pursue state and federal fun-ding for the work on 'Phase II' by January.

As envisioned by Pursell, the second phase of the lakes project would involve additional dredging and environmental improvement, extension of bike and walking paths, rehabilitation of comfort stations, additional fish stocking, improved facilities for non-motorized boats and, as a final visual and ecological gem, the installation of 'swans on the lakes.

'This area can be one of the real beauty spots of Michigan," Pursell commented. "Our objective is to fully restore these 'diamonds in the rough' to their full potential as a tranquil, natural refuge for people in our area. We want it to be a complete contrast to the motorized, hectic pace of life which surrounds the Middle Rouge parkland."

'There is a great need for natural recreation areas in an urbanized setting," he added. "Relaxation and recreation in a natural environment, are essential ingredients for improving the quality of life in our communities."

The Middle Rouge parkland area stretches through Northville, Plymouth, Livonia, and Westland.

Participating in the meeting with Pursell were Max Hilton, Wayne Coun-

Pursell program to beautify park

A Friend of the Family .

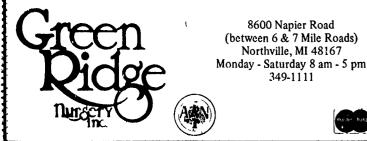
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- 4. & More Flowering Shrubs

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-The Conservation and Recreation Service agreed to help, in any way requested by invitation of the local and state groups, to review plans and make suggestions on how best to revitalize the lakes area.

Wayne County agreed to complete

-The DNR will seek \$15,000 in the

ditions and needs. Pursell will also

write his former State Capitol col-

leagues to urge support for the planning

After the planning for "Phase II" of the project has been completed, Congressman Pursell and state officials will push for both state and federal

Parks and Recreation Office. Howard Wandell, Michigan Department of Natural Recources, John D. Cherry, Regional Director of the Heritage Conservation and Recreation Service, Arthur W. Abbs, Chief of Grants and Aid for HCRS, State Representative Robert Law, Denise Radtke and Cynthia Hudgins, field representatives from Pursell's local congressional offices



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Demonstration model

Sun will power Northville home

Northville marked Sun Day last Wednesday with a dynamite ceremony. Literally

A small dynamite charge set off with the aid of solar-charged batteries did the ground breaking honors for a demonstration solar home that will be Built this year in one of Northville Township's newest subdivisions, Nor-Sthville Colony III.

The home, located south of Six Mile Road and east of Bradner, will be built by Fred Greenspan Development Corporation in cooperation with Detroit Edison as part of the utility's solar research program.

When finished later this year, 230 square feet of solar collectors will provide about 30 percent of the home's energy requirements.

Solar power will provide more than 90 percent of the model home's hot water needs and between 10 and 20 percent of its heating requirements, according to George Murray who supervises Edison's solar research group.

Once completed, the home will be open for public view for a year. Then it will be sold to a buyer who agrees to let Edison monitor and record results for an additional two years.

Edison wants to work closely with builders because solar energy has a future "only if incorporated into building practices," said Murray.

"We wanted a leader in the industry and Fred Greenspan certainly is that." Greenspan, who builds more houses in this area than the Bee Gees cut hit records, said solar energy has "tremendous potential" in his industry.

"I think America has a future in it," he said. "It's going to take time, but I definitely believe in it."

As for special problems in construc-ting the solar house, "We don't know because we haven't built one yet," he said.

However, no special materials are re-"All of the hardware is quired. available on the market today," he said.

One Edison official estimated that the solar equipment could add \$12,000 to \$14,000 to the cost of the \$80,000-plus house

Two factors may make that price palatable in the future.

First, as the price of electricity and oil climbs the solar investment will become more competitive. An increased demand for solar collectors could make mass production feasible and lower the unit cost.

Second, existing and pending legislation rewards the homeowner who looks to the sun as an alternative energy source

Michigan law already allows homeowners to escape increased pro-

4. A. V. A. A. 4. 4. 4. 4. 4. 4. 1. 1. 1. 1.

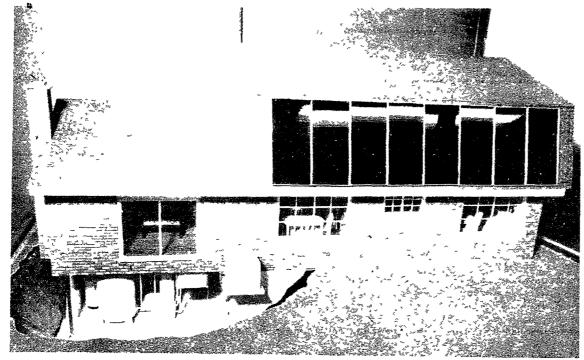
Continued on Next Page

TO THE CUSTOMERS OF JOHN MACH FORD OF NORTHVILLE

Due to a printing error the classified ad on page 7-C is incorrect.

The correct prices for the ENGINE TUNE-UP SPECIAL are: 6-cyl. \$28.42 8-cyl. \$34.02

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Rear view of model solar home shows collectors that will harness sun



Builder Fred Greenspan (center) got solar home ground breaking started with a bang

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semester.



She'll pay to get son in; he'll pay to get kids out

ر برقمه were the type of problems that keep school board members awake late Monday nights.

First, there was a Northville resident who said he may be forced to spend more than \$4000 in private school tuition payments because his four children cap't get the education they need for college in the public school system.

Then, despite financial problems caused by a declining enrollment, it took two votes before an elementary teacher could persuade the board to accept her son in the kindergarten next year on a tuition basis.

The net result is that the district has gained one student but faces the prospect of losing four others.

ne new-student is the son of Mary Na arian, a Novi resident who teaches at forthville's Winchester Elementary School:

The boy already attends the private Mintessori pre-school program that operates in Winchester. By enrolling in Winchester's half-day kindergarten class next year, he could continue his Montessori class for the remainder of the day and ride to and from school with his mother.

Mrs. Najarian, who has taught in the district for eight years, would pay about \$500 in tuition. She said her son would be enrolled in the Novi system once he reached the first grade level where classes last all day.

Initially, her request was defeated

when the six board members present split their votes.

Trustee Charles Peltz voted against the motion request because it lacked the "extenuating circumstances" behind other tuition cases. He was "concerned" about setting a precedent of "trading back and forth between districts."

Winchester kindergarten class sizes for next year are estimated at 23 to 25 students. If the classes got larger than desired levels, Mrs. Najarian agreed to withdraw her son.

Vice President Douglas Whitaker, however, said the district should keep the class size as small as possible.

"Every child who isn't in the room is a plus for the child who is there," he

said. Mrs. Najarian, who said she thought the Northville program was "tremendous," was perplexed by the first vote.

"I guess I can't understand why you won't accept my money when you are asking for more millage," she said.

The vote was retaken when trustee James Lewis arrived after missing the first part of the meeting. Lewis, who said he saw no "educa-

Lewis, who said he saw no "educational harm" to district students, voted with President John Hobart, Treasurer Karen Wilkinson and trustee Marjorie Sliger in favor of the tuition request. Whitaker, Peltz and Secretary

Christopher Johnson vited "no." Earlier, the board faced a different

problem when Jay Wendt, 20589 Clement Road, said he took exception to the board's rationale that the April 29 millage failed because taxpayers weren't willing to pay more money for

education. Half the people in his subdivision are paying \$1000 or more in addition to school property taxes to send their sons and daughters to private schools, he

said.

"These people are willing to pay the money," he said. "They can afford it, because they are paying it out of their pockets to private schools."

His complaint was that the district was not offering the type of courses that adequately prepare students for col-

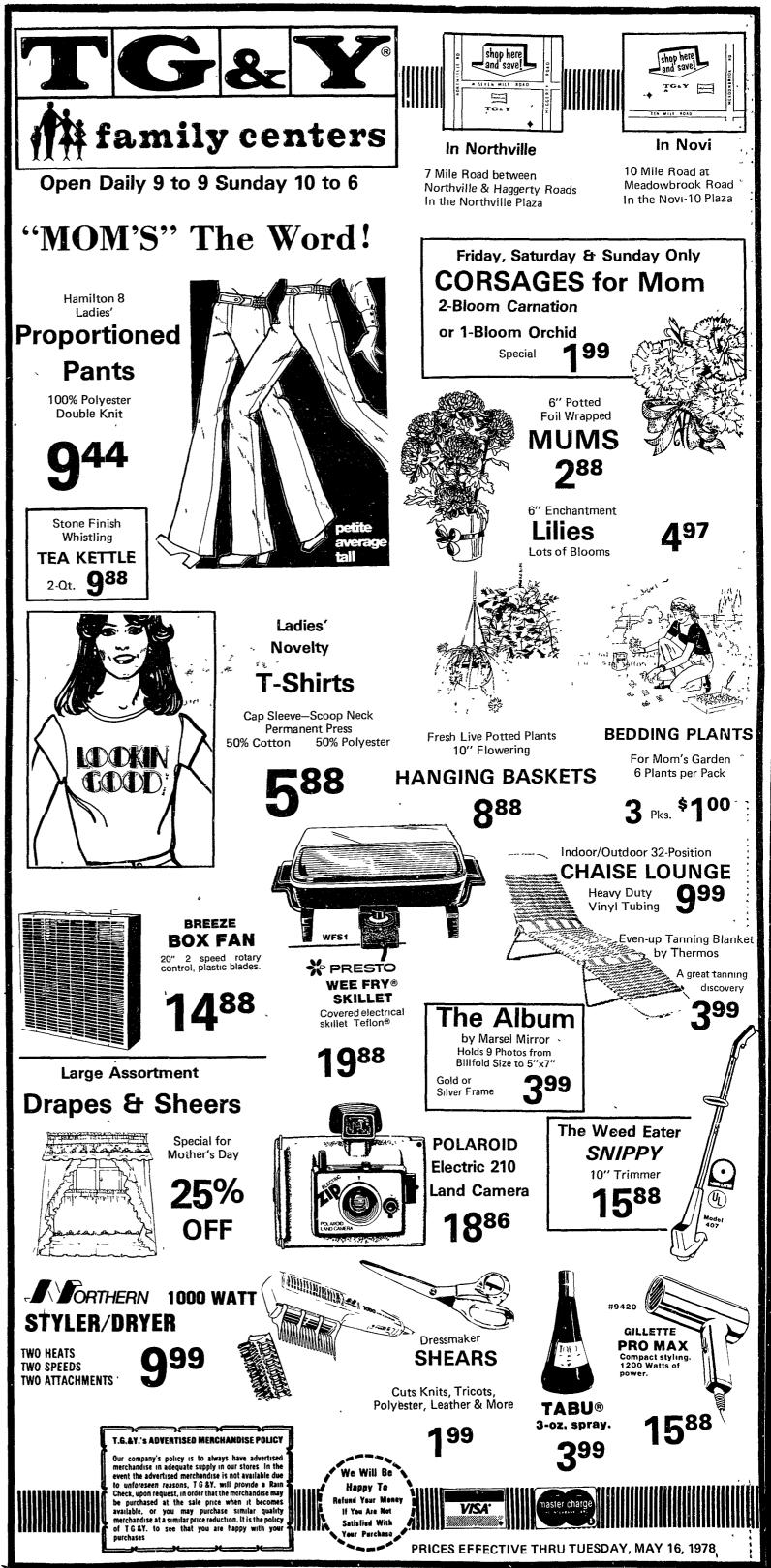
Shop and home economics are "fine wand dandy," he said, but there is

"nothing challenging to the student who wants to go to college. So, as a parent, where do your turn?" His answer, he said, might be private

schools. Trustee Marjorie Sliger said that part of the 5.5 mills defeated last month was earmarked for improving the cur-

riculum in the junior high school which was the target of some of Wendt's criticism. Director of Instruction Nancy Soper said that, had the millage passed, several electives would have been added in the district's two junior high schools.

These included biology, life science, honors algebra, advanced math, additional foreign language classes and reading lab beyond the seventh grade where it is now required for all students.



Staff urged to share pay raise with school

A Northville board of education trustee suggested Monday night that the district would have a better chance of passing millage if school employees would take voluntary pay cuts.

(a)"When') things get strapped and budgets get tight, we're going to have to think about biting the bullet," said James Lewis, whose one-year term on the board expires in June.

Lewis, who is not seeking re-election, said he is the first to take a salary reduction when one is necessary at the advertising firm where he is president. He said he was encouraged by news stories of a North Dakota teacher who voluntarily returned his entire negotiated pay raise, but said he was "not suggesting that kind of total cut."

Solar' house

Continued from Page 4-A

perty value assessments for solar equipment. A bill before the Michigan House would allow state income tax credits of 30 percent of a solar unit's cost up to \$3000.

The federal government is considering a similar bill.

Michigan isn't as favorable a location for solar energy as states such as Minnesota and Colorado — which are both cold but enjoy relatively clear skies bit Edison sees promise in the sun as an inexhaustive auxiliary power source

Solar energy is used in only a handful of Michigan dwellings but more experiments are on the horizon. not substantially brighten the district's financial picture, he said it would be a symbolic gesture if school employees returned one percent of their pay raises.

Voters, he said, have told him that they were concerned with district salaries.

On April 29, a request for additional millage was soundly defeated for the second time in less than a year.

Lewis said if the district's next millage attempt on June 12 is defeated, the board will have to make budget cuts that will have a negative effect on education.

About 80 percent of Northville's operating expenses is spent on salaries and fringe benefits.

"That money is coming out of my kid's education and that really bothers me," said Lewis.

No board members commented on his proposal and Northville Education Association President Barbara LeBoeuf, who heads the district's largest employee group, doubted that it would get any support.

"The community should see education as a priority item rather than asking 200 teachers to subsidize their children's education," she said. "School employees already pay taxes to support education."

Lewis said he didn't expect total acceptance.

"I don't say that it is any kind of feasible or realistic idea," he said, but it would be "an expression of faith if our

system is going to survive." Northville school board members are not paid.



Coy switches to Democrat to run for former post

By DAVID RAY

Former Republican Oakland County Commissioner Lew Coy has announced that he has switched parties and will seek the Democratic nomination to oppose his successor on the county board, Dennis Murphy, a Novi Republican, who has indicated that he will seek reelection.

Coy, now employed as a court officer with the Walled Lake-based 52nd District Court, served on the county beard from 1969, when the elective posts were created to replace the county Board of Supervisors, until his



resignation in October, 1975.

Murphy was named to fill the vacancy at a special election held in the spring of 1976, and won a full two-year term that November. He defeated Novi Democrat Suellen Haas in both elec-

tions two years ago. The 58-year-old former commissioner, a Wixom resident, often found himself at odds with his GOP colleagues on the county board.

After Coy split with the Republican majority over a proposal to close the county hospital, he was stripped of the chairmanships of the Board of Health and Hospital Board. The Republicans

wanted private business to take over the hospital, he said, but county officials eventually decided to stay in the hospital business and built a new facility.

In 1974, Coy said, county Republicans tried to convince then Novi Councilman Louis Campbell to run against him in the primary election.

Campbell ran instead for state representative in the GOP primary, losing to the eventual winner, Richard D. Fessler, who also captured the state House seat and was re-elected in 1976.

The Novi councilman changed parties three years ago and charged that the county GOP was trying to force Coy out of the party.

When he resigned from the county board 21/2 years ago, Coy said he did so to have more stability of employment and be closer to home.

Coy said he didn't feel he could change parties at that time because "I was elected as a Republican by Republicans." He added that he did not run as a Democrat in 1976 because Mrs. Haas "was committed to go and I didn't want to buck a life-long Democrat." "I didn't quit the Republican Party,"

Coy said last week. "They quit me." The GOP majority had decided to

appoint Murphy as his successor, Coy said, but two Republican commissioners - Mary Dearborn of Birmingham and Robert Button of Royal Oak - changed parties and the county board could not agree on a replacement within the required 30 days.

The former commissioner later was re-appointed to the health and hospital boards when Democrats gained control of the board in January, 1976.

Since the 24th commission district (Wixom, Walled Lake, Novi, South Lyon, Lyon, Northville and Farmington Hills) has been represented by a Republican since 1969, Coy said he expects a tough fight to regain the seat.

"I'm gonna have to work hard," he said. "there's no question about that. I figure it will take about 4,000 votes to beat Murphy. I know it's an uphill battle, but it's not impossible.'

Among the issues Coy expects to raise in the campaign are county plans for expansion of the Lyon Township landfill, which he opposes; more money for

road improvements in southwest Oakland County; and his opponent's attendance record and representation of the district.

"(Murphy) hasn't met with local of-ficials all that much," Coy said, "and I still get several phone calls a month from constituents who still think I represent them.'

He also noted that Murphy had the second worst county board attendance

one-third of the board and committee meetings, based on county records.

On the landfill issue, Coy said that plans now call for the county to "dump better than half of its garbage" in the Lyon facility.

"(County Executive Daniel T.) Murphy (no relation to the incumbent commissioner) could have vetoed the solid waste plan, but he didn't," Coy said.

record last year, missing more than "There is just no equity in what they're'proposing."

Commissioner Murphy said he, too, expects a hard-fought campaign. 'I wouldn't miss this for the world," Murphy said Monday, adding that hê will formally announce his candidacy in the near future.

The incumbent commissioner is expected to make an issue of the cost to local communities for the special election that was held to fill Coy's vacancy.



That's VP Clerk Sass

Northville Township Clerk Clarice Sass is a well-known political figure not only in Northville Township, it seems. Recently, Clerk Sass was elected vice president of the executive board of the Wayne County Municipal and Township Clerks' Association. The

association is comprised of all municipal and township clerks in Wayne County. Mrs. Sass is talking with executive secretary John Szabo who is also clerk of Taylor (left) and John Hubbard, clerk of Dearborn and President of the Wayne County clerks.



June millage, principal talks face board Thursday

The Northville school board meets Thursday night to discuss two June 12 millage issues whose failures would mean cutting this year's programs by \$400,000.

'Immediately after the study session (7 p.m., central board offices), the board will conduct an executive meeting to discuss contract negotia-

tions with the principals and supervisors of K-12 and special education buildings.

On April 29, Northville voters defeated by a 2-1 margin a 5.5 mill increase that would have raised nearly \$1 million for the 1978-79 school year.

Two days later, the board decided to go for the money again by splitting the package into two proposals.

One, a 2.6 mill request, would raise be nearly \$400,000 short of the money about \$450,000 to carry forward the present program and leave some money left over for maintenance and more textbooks.

The second, a 2.9 mill proposal, would raise slightly more than half-a-million dollars and would allow the district to hire more staff and restore past cuts. If both issues fail, the district would

needed to fund this year's program during the next school year, say administrators.

The board has not stipulated where those cuts would be made although many layoffs would undoubtedly be requred.

Once the millage talk is finished Thursday night, the board will turn to a

16-page document which contains contract proposals made by the Northville Association of School Administrators (NASA)

The NASA proposals cover "contract language changes and additions as well as salary and fringe benefit increase requests," according to a press release prepared by Burton Knighton, the school's director of personnel.

The two-year NASA contract, the first in the union's short history. expires this year. It was one of four contracts negotiated with the district in the 1976-77 school year and it wasn't settled until last fall.

Thursday, the board will develope its own proposals which will be taken to

the bargaining table for sessions that have been scheduled for Wednesdays.

Joining Knighton at the table are financial administrator Thomas Goulding and coordinators Clark Kelly and John Flaugher from the district's institution special education program: (ISEP).

The administrators are represented by association President Eddy McLoud, Barbara Campbell who, like, McLoud, is a high school assistant prin-cipal, and ISEP building supervisor Thomas Cev.

Earlier this year, the board defeated ; a motion to ask the administrators toconduct these proceedings in public. The motion lost, 4-3.



Township promotions

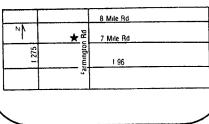
Promotions within the Northville Township Fire Department became official when Supervisor Wilson Grier pinned a badge on former captain and new Assistant Chief Donald Riffenburg (second from left). The new captain is former Lt. Frank Hatch

(third from left). Chief Robert Toms (far right) recommended the promotions to insure a "continuous chain of command more in keeping with a modern fire department."









Police have doubts

Will courts help young thief?

The fate of a young Northville boy who police believe learns how to steal from his father rests in the hands of the juvenile court system.

Police in two communities who have apprehended the 15-year-old boy in connection with thefts and shoplifting are not optimistic. Northville Township Police say the

boy twice tried to rob a Perry Drug Store cash register while the cashier's attention was diverted. Once, they say, he got \$50 and the other time he was scared away before getting any money.

Police say when they questioned the boy, he admitted stealing six CB radios from a TG&Y store since November. Both stores are in the Northville Plaza located on Seven Mile Road east of Northville Road.

The suspect is half of a father-son team that Novi Police say stole \$8000 in electronics equipment from cars in the Novi-Bowl parking lot.

Police claim that the father, who worked at the lanes as a night mechanic, sent his son into the parking lot to rip off goods which were then stored above a hidden ceiling. The boy lives with his father in Nor-

thville. His mother apparently live in New York, according to police.

These latest incidents are not his first contacts with the police.

Two years ago, when he was 13, the boy and two others were picked up for shoplifting by Northville Township Police. He appeared in juvenile court where he was given a warning and dismissed.

"It's possible the same thing will happen again," said Northville Township Police Chief Ronald Nisun.

If the boy is tried in juvenile court for the latest shoplifting charges, township police will not be able to bring up either his past offenses or his possible involvement in the Novi-Bowl thefts.

"It used to be that you weren't concerned about his (a juvenile's) rights, you were concerned about his welfare,' said Nisun.

The boy's past can be brought out if the court finds he was guilty of shoplif-

"It should tell the juvenile court that there is a problem here," said Novi Detective Lt. Richard Faulkner.

But Novi City Police fear he could slip through the cracks of the system. Even though the Novi-Bowl case hap-

pened in Oakland County, the youth has been referred to the Wayne Juvenile Court because that's the county where he lives.

A shoplifting charge will appear "minor" when compared with the large volume of Wayne County cases, said Faulkner.

Meanwhile, the boy's father is waiting for his Oakland County circuit court arraignment on five charges stemming from the bowling alley thefts.

He is charged with receiving and concealing stolen property, larceny from a motor vehicle, larceny over \$100 and two counts of contributing to the delinguency of a minor.

City hall plans up for ok



Good ACT'ers

Two Northville High School seniors were among 150 Michigan students honored by the state legislature for getting the state's highest scores on the American College Test (ACT). They were Kurt Kastner (left) and John Eltinge.

Security steps for Hines Drive

A committee of the Wayne County Board of Commissioners has approved a plan to increase sheriff's patrols along the Hines Drive parkway this summer, but the question of where the up to \$100,000 cost is going to come from must be answered if the plan is ever to be implemented.

Beefed-up patrol

The request from Sheriff William Lucas, calling for the addition of five two-officer patrol cars to the park patrols on summer weekends was approved May 3 by the commissioners' public safety and judiciary committee. The proposal calls for the purchase of six patrol cars.

With the county facing a deficit of up to \$12 million again this year, the com-mittee referred the funding question to a special financial crisis committee.

That committee, meeting May 5, returned the matter to the public safety committee and directed the committee to identify funding sources from within existing appropriations for the criminal justice system.

It was the first instance of a new procedure adopted at the financial crisis committee meeting and designed to put a tight lid on additional appropriations for the balance of the fiscal year. The board's committees will have to recommend funding sources from their areas of jurisdiction when recommending additional expenditures under the financial crisis committee policy.

The sheriff's office developed the proposal in cooperation with a special 44member Hines Park Task Force, headed by State Rep. Robert C. Law (R-Livonia).

Law told the public safety and judiciary committee: "Additional security in the park is needed if we hope to change the attitude of area people about using the park. Citizens must feel that the park is a safe place to go with their families.'

Senior Inspector Richard M. Novak of the Wayne County Sheriff's Department said that serious problems at the park with drugs, rapes, assaults and harassment of families have been on the increase in the last four or five vears

County Commissioner George F. Killeen, chairman of the public safety committee, summarized the proposal's problems:

"The sheriff's department is requesting salary expenses and the purchase of additional patrol cars which will cost the county a minimum of \$82,000 — a more realistic appraisal of the actual cost is over \$100,000 and, we simply cannot approve the program. without an opinion from our financial a deadline at this point." crisis committee. We are mandated by the state to work within our budget and current estimates indicate we will endiative worthwhileness of this proposal,' the fiscal year with a deficit of up to \$12 backs."

Kinvilles help

John and Elaine Kinville of Northville have been elected cotreasurers of the Moms and Dads Club of St. Mary's Preparatory School in Orchard Lake. They will begin their terms of office in the fall.

NOVI MOTIVE

O

Law said the request was "a reasonable proposal which includes a rare proceeding - the sheriff's department and the union have already agreed to allow off-duty deputies to work the additional hours at straight time nav rates in exchange for compensatory time to be taken after September 30.'

However, Killeen charged that the arrangement could ultimately result in the county paying for as many as 54 hours of deputies' wages for only 24 hours actually worked.

Commissioner Mary Dumas (R-Livonia) told her fellow committee members:

'This proposal is the result of over a year of study by the Hines Park Task Force into possible revenue sources for additional park security personnel. Since no state or federal funds are available for this purpose, Sheriff Lucas's proposal is the only viable solution to a pressing problem. We can barely make the start, of summer

While there is little argument among the committee members about 'said Killeen, "we must face the million unless we make additional cutact accordingly.'



Moon & Ambrose Large Size Fashion

GIFT SPECIALS 20% OFF **ENTIRE STOCK** Fri. and Sat. May 12th & 13th

Blouses size 38-52 Pants size 30-48 Dresses size 161/2-321/2

R'S DAL

Moon & Ambrose Drakeshire Shopping Plaza 35129 Grand River Farmington 478-8887





floor plans for the Nor- meeting last week to thville city hall addition make a report at the upwill be considered at the coming meeting. next meeting of the city The addition will enplanning commission May 16 after being compass a library, added police and fire departreviewed by the site plan ment space as well as ofreview committee of the fice area. commission.

Review members Planning consultant and addition of a false James C. Cutler and Ronald Nino at the window to conform with Bruce Turnbull were ask- meeting last week the present building.

Site, architectural and ed at the commission pointed out that the plans did not show lighting and storm drainage.

> They already have been approved by the Northville Historical District Commission whose recommendations included lowering the east wing





oral Doutique

35115 Grand River 478-9173 The Sign of Natural Quality



1 Plymouth Road block E of Lilley) mouth + 459-6060



Plymouth Center gets new interim director

Evelyn Provitt, acting director at Plymouth Center for Human Development since February 24, has accepted a position with U.S. Department of Bealth, Education and Welfare in ashington.

Expressing his appreciation for Miss Provitt's "excellent job under most difcult circumstances," V. A. Stehman, I.D., acting director Michigan Departnent of Mental Health, announced apointment of David Rosen as interim rector at Plymouth.

Rosen, director of Macomb-Oakland Regional Center for Developmental Disabilities, has accepted appointment the Department central office as ssociate administrator of services for the mentally retarded and developmenfally disabled, the position currently held by Miss Provitt.

mouth during the next several months developed a community placement sers will assure continuation of the maor service improvements initiated tion. inder the able administration of Miss Provitt" said Dr. Stehman.

'Miss Provitt has contributed ignificantly to the advancement of Michigan's services for the mentally etarded during the last twelve years,' aid Dr. Stehman. "We certainly will hiss her here but are delighted she has een selected to an important national osition."

Miss Provitt's leadership in the field f mental retardation has been fecognized nationally on prior occaions.

Last month she completed assignment as a member of the liaison panel on mental retardation for the President's Committee on Mental Health.

In 1976 Miss Provitt served as chairperson of the National Advisory Council on Services and Facilities for the Developmentally Disabled. She had been a member of the council for five years.

She received a diploma in nursing from Good Samaritan Hospital, Zanesville, Ohio (1953), and earned advanced degrees at Wayne State University, Bachelor of Science in Nursing (1960) and Master of Science in Nursing 1965).

Miss Provitt has been on the Staff at Massillon State Hospital, Ohio; Henry Ford Hospital and Children's Hospital of Michigan, Detroit; and Northville State Hospital.

She is listed in the current issue of Who's Who of American Women".

Rosen accepted the Macomb-"Mr. Rosen's assignment at Ply- Oakland post in 1971 where he vice which received national recogni-

Opening of Macomb-Oakland Center in 1976 under his direction marked the beginning of a new concept in Michigan facilities for developmentally disabled residents featuring small units accommodating eight persons.

He was the, first non-medical superintendent of a state institution for the retarded in Michigan.

Rosen is a member of the court appointed panel responsible for overseeing-operations of Willowbrook, New York, state institution for mentally retarded persons.

Rosen was president of the 10,000 member American Association on Mental Deficiency in 1973 and was the first president of the National Association of Superintendents of Public Residential

Facilities. He is a consultant to the HEW Division of Developmental Disabilities and to departments and agencies in several

Tòwnship, city clerks

honored

township have proclaimed the week of May 14 through 20 as Municipal Clerk's Week.

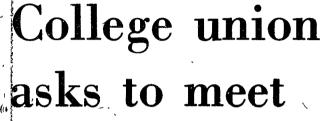
Supervisor Wilson Grier signed the proclamation for the township, Mayor Paul Vernon signed it for the city. City council voted approval of the proclamation Monday.

The pioclamation reads in part:

"Whereas, the success of any unit of government is measured in direct proportion to its ability to meet the needs of its peo-

ple; and "Whereas, it in imperative to our citizenry that municipal government operate in an orderly and efficient manner; and

"Whereas, municipal clerks' accurate recording, careful safeguarding and prompt retrieval of public records are essential to the efficient day-to-day functioning of municipal government; and



Collective bargaining at Schoolcraft College, like anywhere else, takes place behind closed doors. But there is a lot of jockeying for favor going on in public. The Faculty Forum, bargaining agent for instructors, last week invited he elected board of trustees to meet with "Forum officers and concerned faculty"; the board politely said no to a meeting but left the door open for communication; and the administration found a list of "basic errors" in the Forum's argument, that "the adty to an increase of administrative peronnel over an increase in full time facultyr

The Forum's contract with the twoyear community college expires at the end of summer. Negotiations have begun, and the college is seeking some major contract changes.

William Nickels, the probable next president of the Forum since he is unoposed on the ballot, has given the board "position papers" from the orum in recent months.

Last week Nickels requested a fullcale meeting with the board because the communication has been one-

But Board Chairman Paul Y. Kadish eplied, "The time is inappropriate. We're getting into the throes of bargaining. We don't want to undercut our

bargaining team.'

during bargaining, but McQuesten said "the board should never feel limited to communication with the administration.'

President C. Nelson Grote, replying to a Forum position paper on alleged administrative growth, told the board the faculty paper had basic errors.

Grote said the Forum sought to show a cause and effect relationship between growth of administration and holding the line on full time faculty hiring.

The faculty paper said that since 1970 the administrative staff had leaped from 23 to 36 while full time faculty positions had remained almost stable, rising from 157 to 162. The actual growth in administrators, said Grote, has been 24 to 32. Meanwhile, the number of teaching jobs has risen from 215 to 256 when the "full time equivalent of part-time faculty and full time faculty teaching under supplemental contracts" are included, he said.

Thus, while there are 162 full time jobs, the number of part-time instructors has increased from the equivalent of 58 full timers to 94 full timers.

Schoolcraft has had a policy of hiring holding level the number of full time faculty and hiring many part-timers. While the Faculty Forum has complained about this policy, neither the administration nor the board has said why.

Privately, some trustees revealed the

states.

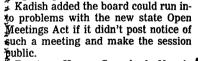
He holds bachelor's and master's degrees in education from Glassboro State College, New Jersey. His 28 years in the mental retardation

field began in 1949 as a teacher and New Jersey's Woodbridge State School work-study coordinator for handicapped children in the Vineland, New Jersey public school district.

for retarded which opened in 1965. In 1968, he became superintendent of Lakeland Village for mentally retard-

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Trustees Harry Greenleaf, Nancie * Blatt, Rosina Raymond and Mark Mc-Questen indicated they wanted to hear the Forum's views. Mrs. Blatt added she was "leerv" of such a discussion

board and union talked about full time versus part-time jobs during the last round of contract negotiations. Publicly, however, only the faculty is talking about it.

The Forum's position papers have been presented by Nickels, a vicepresident of the union. In current balloting, Nickels is unopposed for the union presidency.

Road hearing slated

The Wayne County Road Commission will hold a public hearing development proposed on tomorrow (Thursday) to discuss proposed roads Eight Mile Road and just running from vet-to-bedeveloped North Beacon thville. Residents of Woods subdivision Whipple Estates have exthrough nearby Whipple pressed concern about plans which call for roads Estates.

313-533-7071

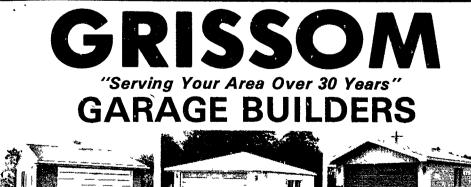
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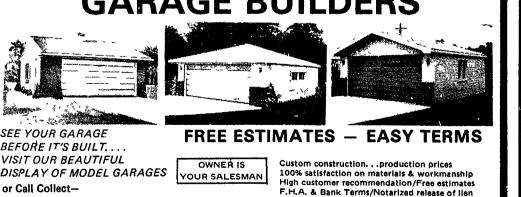
North Beacon Woods from the new subdivision subdivision is a 166-lot to join other roads in Whipple Estates. 83.6 acres of land south of west of the City of Nor-Tomorrow's hearing

will begin at 10:30 a.m. at the Wayne County Road Commission building, 415 Clifford Street, Detroit.

Raymond G. Campbell 33505 State Farmington, MI 477-2666

Riverside Insurence Company Battle Creek Michigan





25111 W. 7 MILE - REDFORD

10-Ac-THE NORTHVILLE RECORD-Wednesday, May 10, 1978

CITY OF NOVI NOTICE

NOTICE IS HEREBY GIVEN that the City of Novi will hold a public hearing to receive input from the public on the Proposed Use of Federal Revenue Sharing Funds.

This Hearing will be held pursuant to Section 121 (b) (1) of the State and Local Fiscal Assistance Act of 1972, as amended.

This hearing will be held at 8:00 p.m. EDT, on Thursday, May 11, 1978, at the Novi City Offices, 43315 Sixth Gate, Novi, Michigan.

All interested citizens are urged to attend.

² Publish: May 10, 1978

Edward F. Kriewall, Jr. **City Manager**

REQUEST FOR BIDS

The City of Novi will accept sealed bids for the demolition of a single family dwelling and the demolition of an out building and general clean up of debris of a burned building, in accordance with specifications which may be obtained from the Office of the City Clerk, 43315 Sixth Gate, Novi, Michigan, 48050.

Bids will be received until 2:00 p.m., EDT, Monday, May 15, 1978, at the office of the City Clerk. Said bids will be opened and read at that time. Envelopes must be plainly marked 'Demolition Bid'' with the address of the building noted on the outside of the envelope.

The City reserves the right to accept or reject any or all bids and to waive any irregularities.

Publish 5/10/78

Geraldine Stipp City Clerk

CITY OF NOVI NOTICE OF ENACTMENT **ORDINANCE NO. 78-18.04**

TAKE NOTICE that the City Council of the City of Novi enacted an ordinance to amend sections 1900, 1901, 1902, 1903, and 2006 ⁵ of Ordinance No. 75-18, City of Novi Zoning Ordinance.

PART I. Footnotes (subsections) (h), (i), (j), (m), and (p) of Section 1900 are amended in their entirety.

PART II. Section 1901 is amended in its entirety.

PART III. Section 1902 is amended in its entirety.

PART IV. Section 1903 is added to City of Novi Zoning Ordinance.

PART V. Section 2006 is amended in its entirety.

This Ordinance is hereby declared to be an emergency ordinance, which is immediately necessary for the preservation of the public peace, health and safety, and shall become effec-We immediately. A complete copy of the Ordinance is available for public-use and inspection at the Office of the City Cierk.

Made and passed by the City Council of the City of Novi, this 2nd day of May, 1978.

Geraldine Stipp **Čity Clerk**

Publish May 10, 1978

CITY OF NOVI NOTICE OF ENACTMENT ORDINANCE NO. 78-1.03

John Forrer gets award John J. Forrer, a senior Achievement Award of presented to the Norat Miami University, has the Miami University Col- thville man by Mrs. Nan-

been presented the Terry legiate Chorale. The award was Robinson Outstanding

NOTICE

TO

NORTHVILLE TOWNSHIP

RESIDENTS

The May 11, 1978 regularly-scheduled BOARD OF TRUSTEES meeting has,

been postponed until Thursday, May

NOTICE OF

SUMMER HOURS

FOR TOWNSHIP OF

NORTHVILLE

GENERAL OFFICES

Beginning Tuesday, May 30, 1978 the Township General Offices will be open

from 8:00 a.m. to 4:00 p.m. - Monday

Publish: May 10 and May 17, 1978

Clarice Sass, Clerk

18th at 8:00 p.m.

thru Friday.

Publish: May 10, 1978

Miami University

cy Robinson, widow of the **Reverend Pearl Robinson** in memory of her son. Forrer, a public ad-

ministration and political science major in the college of arts and science, has served as president of the chorale for the 1977-78

academic year and is a two-year member of the choral group. In addition, he has been

a member of the Legislative Assembly of Associated Government, and has achieved the university's Dean's List, indicative of a one term **Continued on Next Page**

Open house slated

Northville Montessori Center, which meets at Winchester School, is holding open house beginning at 7 p.m. Wednesday, May 17.

presented by some of the children who will be play-

citizens...

Clarice Sass is the clerk of the township, Joan McAllister clerk of the ci-

NOTICE **TOWNSHIP OF NORTHVILLE**

DOG LICENSES ARE DUE PRIOR TO June 1, 1978 and are available at the Northville Township Hall, 16300 Sheldon Road, Northville, Michigan 48167 - Monday thru Friday, 8:00 a.m. to 4:00 p.m.

Valid proof of vaccination must be shown, when obtaining license. Or, proof may be mailed in together with selfaddressed stamped envelope and a check for the proper amount made out to Northville Township Treasurer. Proof of vaccination will be returned with the license.

LICENSES PRIOR TO June 1, 1978: \$3.00 AFTER THAT DATE: \$6.00

Owners of all dogs not vaccinated and licensed before June 1st will be subject to violation tickets. Owners will also be in violation if their dogs are permitted to run; at large or if frequent whining, barking, yelping or howling should cause serious an-hoyance to the neighborhood or to persons passing by on the public highway. 1 95-

Sera Richard M. Henningsen; Treasurer Township of Northville

Publish May 10, 1978

NOTICE OF ENACTMENT **CITY OF NORTHVILLE**

The City Council of the City of Northville, following a public hearing Monday, May, 1, 1978 at City Hall, has adopted an ordinance to amend Sections 7-318 and 7-323 of Chapter 3, Water System as follows: AN ORDINANCE TO AMEND SECTION 7-318 AND 7-323 OF CHAPTER 3, WATER SYSTEM, OF THE CODE OF ORDINANCES OF THE CITY OF NOTTINUE TO UNDERSET THE MATER

ing Orff instruments. Director Lynn Gall will

give a brief talk on the program for preschoolers. A social time will follow.

A concert will be

Honor clerks

Continued from Page 9-A clerks are dedicating themselves to pursue training and professional education which will expand their knowledge and their awareness of the needs of their local governments and their



ACHIEVEMENT-Mrs. Nancy Robinson presents the first Terry Robinson Outstanding Achievement award to John J. Forrer of Northville, a senior at Miami University in Oxford, Ohio.

CONTRACTOR AND A CONTRACTOR AND A CONTRACTOR

1.0.00

1.00

NAME OF

1000

ADVERTISEMENT FOR BIDS CITY OF NOVI SEWAGE PUMP STATIONS ALARM SYSTEM

Sealed proposals will be received at the office of the City Clerk, City of Novi. 43315 Sixth Gate Street (one block south of Grand River Ave., east of Novi Road), Novi, Michigan, until 2 p.m. EST, May 25, 1978, for the construction of the City of Novi Sewage Pump Stations Alarm System, at which time the bids will be publicly opened and read aloud and the different items noted.

The quantities involved in this work consist principally of the followina:

Furnish and install alarm transmitting equipment at two packaged sewage pump stations. Furnish and install alarm receiving.

equipment at City of Novi Police Department. The plans and specifications are on file and may be examined on and after 9 a.m. May 10, 1978, at the office of the City Clerk, City of Novi, 43315 Sixth Gate Street, Novi, Michigan 48050.

Copies thereof may be obtained on and after May 10, 1978, at the office of Johnson & Anderson, Inc., 2300 Dixie Highway, Pontiac, Michigan (malling address: P.O. Box 1166, Pontiac, MI 48056). No deposit is required for obtaining these documents. The recipient must supply the phone number and street address of the individual or firm to whom addenda (if any) can be directed.

A certified check or bank draft payable without condition to City of Novi, Michigan, or a satisfactory bid bond executed by the bidder and a surety company in an amount not less than 5 percent of the bid shall be submitted with each bid as a guarantee of good faith and the same to be subject to the conditions stipulated in the Instruction to Bidders.

The right to accept any proposal, to reject any or all proposals and to waive defects in proposals is reserved by the City of Novi. Geraldine Stipp, City Clerk

CITY OF NORTHVILLE NOTICE OF 1978-79 BUDGET HEARING

Notice is hereby given that the Northville City Council will hold a public hearing on the proposed 1978-79 City Budget, in-

cluding use of Federal Revenue Sharing Funds, at 8:00 p.m. on Monday, May 15, 1978, in the Municipal Building, 215 W. Main Street.

At this hearing, citizens of the City of Northville will have an opportunity to provide written and oral comments, and to ask questions concerning the entire budget and the relationship of Federal Revenue Sharing Funds to the entire budget.

The City intends to use its Federal Revenue Sharing Funds for Entitlement Period 10 in the estimated amount of \$40,000.00 to fund public safety equipment and services.

A summary of the proposed budget follows:

GENERAL FUND: Revenues:

Property Taxes State-shared revenues \$757,961 203.000 13,500

Joan G. McAllister **City Clerk**

-			ORTHVILLE, TO INCREASE THE WATER	Licenses, fees		13,500
AN ORDINANCE TO AMEND S	SECTIONS 30 AND 30.01 OF OR-	RATES. The City of Northville Ord	tains:	Fines & forfeits		
² DINANCE NO. 78-1.02. CITY OF	F NOVI SPECIAL ASSESSMENT		RATES AND CHARGES — The charges for	Sales & Service		128,500
ORDINANCE.			remises connected to the system shall be as	Federal grants*		44,000
Le count		follows:				76,000
- JHE CITY OF NOVI ORDAINS:		(a) For water furnished t	hrough a meter:	Other revenues		8,100
		& sewer service — \$1.	vice charge for customer using both water	Inter-fund reimt		469,205
PARTI.		a sewer service - \$1.	20	TOTAL REV		\$1,700,266
	ovi Special Assessment Or-	Bi-Monthly water ser	vice charge for customer using water ser-	Including \$40,000	in Federal Revenue S	haring Funds for
dinance is hereby amende	d in its entirety to read as	vice only - \$2.40		E.P. 10.		
follows:				Expenditures:		
		First 5,000 gallons per	billing period \$0.90 per 1,000 gallons.	Administration	i	\$280,005
Section 30 Savings Clause	All special assessment pro-	Next 0.000 gellene per	billing period \$1.62 per 1,000 gallons.	Public Safety		654,750
	the effective date of Ordinance	Next 9,000 gallons per	binnig period \$1.62 per 1,000 ganons.	Public Works		370,700
No. 78-1 02 and conducted in o	onformity with the provisions of	Ail over 14,000 gallons	per billing period \$0.97 per 1,000 gallons.	City-Township	Joint Services	76,600
the City Charter adopted an	February 18, 1969 or the City		F	Insurance, frin	ge benefits,	
Charter adopted on	reditially 10, 1909 of the City		amended ordinance is avialable for public in-	Supplies a	nd other	318,211
	er 8, 1977, and Ordinance No.	spection in the office of t	he City Clerk.	TOTAL EX	PENDITURES	\$1,700,266
	prior to the effective date of Or-	Publish: 5-10-78	/			
	y validated, ratified and confirm-	Enacted: 5-10-78		MAJOR STREET FUND):	
ed. All special assessment pr	oceedings commenced prior to	Adopted: 5-11-78		Revenues		\$74,540
	e No. 78-1.02 shall be continued		* * * * *	Expenditures		\$74,540
under the applicable provisions	s of Ordinance No. 69.01.	The City Council of	the City of Northville, following a public hear-	Expenditures		ψ <i>ι</i> 4,040
		ing Monday, May 1, 197	8 at City Hall, has adopted an ordinance to	LOCAL STREET FUND		
PARTII.		amend Section 7-402 (a) o	of Chapter 4, Sanitary Sewers as follows:		·•	670 210
That Section 30.01 is hereby	added to City of Novi Special		AMEND SECTION 7-402 OF CHAPTER 4,	Revenues		\$70,310
Assessment Ordinance No.	78-1.02, to read as follows:	SANITARY SEWERS.	OF THE CODE OF ORDINANCES OF THE	Expenditures		\$70,310
		CITY OF NORTHVILLI	E OF THE CITY OF NORTHVILLE, FOR THE			
Section 30.01. Contract Betwee	on City and Property Owner. The	PURPOSE OF INCRE/	ASING SANITARY SEWERS. OF THE CODE	EQUIPMENT FUND:	,	
City may enter into a contract	with a property owner for con-	OF ORDINANCES OF	THE CITY OF NORTHVILLE TO INCREASE	Revenues		\$183,460
struction of any local improven	nent for which a special assess-	THE SEWER RATES.	dalaa.	Expenditures		\$183,460
ment may be levied, so as to r	provide for the payment of such	The City of Northville Ord	TION FOR PERMIT, FEES: RATES, CHARGES			•
improvement by means of a	special assessment. The re-	- Application for a perm	hit shall be made to the City in such form and	SEWER & WATER FUN	1D:	
quirements of Sections 3 throu	igh 15 inclusive of Ordinance no.	detail as it may prescri	be, accompanied with the payment of such	Revenues		\$506,200
78-1.02, as amended shall not a		charges as may be dete	ermined from time to time by the Council ex-	Expenditures		\$506,200
te me, as amondou onan nota		cept that tapping charge	es shall be uniform to all property owners on			• >
Effective Date This Ordinano	e is hereby declared to be an		respective of the location of the lateral sewer	PUBLIC IMPROVEMEN	NTS FUND:	· · · ·
amergency Ardinance which i	is immediately necessary for the	in said streets.	TES — The rates to be charged for sewer ser-	Revenues		\$630,000
	ice, health and safety, and shall	vice and treatment shall	be as follows:	Expenditures		\$630,000
	. It shall be published by publica-					•••••
			vice charge for customer using both water		eneral Fund is proposed	
	ewspaper circulated in the City	and sewer service \$1.	20.		te of 14.4 mills applied	
stating the uate of enactment	and effective date, a brief state-	Di Monthiu course sos	ulas shares for sustament when some an		Valuation of \$52,109,70	
	and a complete copy of the Or-	BI-MONTNLY Sewer ser vice only \$2.40.	vice charge for customer using sewer ser-	would amount to an a	average 18% increase	in City taxes over
	use and inspection at the office	VICO ONIY \$2.40.) mills on the 1977 S.E.V	
of the City Clerk.		First 14.000 gallons pe	r billing period \$1.23 pr 1,000 gallons.	increase includes the		
	•		· · · · ·		re-assessment increas	
Made and passed by the City.	Council of the City of Novi, this	All over 14,000 gallons	per billing period \$0.94 per 1,000 galions.	in Oakland County, p		
8th day of May, 1978.				11.6%		
			amended ordinance is available for public in-		the proposed 1079 7	
	Romaine Roethel	spection in the office of t	ine City Clerk.	A complete copy of	the proposed 1978-7	a only budget is
1	Mayor	4 8	Joan G. McAllister	available for public in	spection in the City H	ian uuring regular
	-	Publish: 5-10-78	City Clerk		limited number are als	so available to bor-
4	Geraldine Stipp	Enacted: 5-1-78		row to take home over	night.	Joan G. McAllister
Publish May 10, 1078	City Clerk	Adopted: 5-11-78		Publish: 5-3-78 & 5-10-78	l l	City Clerk
· · · · · · · · · · · · · · · · · · ·					المتحديد والمحديد المحديث والمحدين والمحاد المحديث والمحاد	





OPEN 10 to 5 Monday & Thursday; 10 to 2 Sat.



April-July's season

Prepare for tornados

Tornado! Nature's severest storm strikes with little warning, so Midwesterners should take early safety measures, says the Insurance Information Institute.

From April to early July warm southern winds interplay with the colder winds of a fading northern winter to turn the Midwest into America's tornado belt.

The twisters, once spawned, can dance forward erratically at up to 30 miles per hour, packing rotating winds of over 300 miles per hour. Often they're hidden by hanging clouds during changing weather.

Some tornado tell-tale signs reported by the National Weather Service Bureau, include: a ragged trailing of clouds at the base of a thundercloud system; a rotating cloud of debris near the ground; utter silence; or roaring high winds.

During these spawning conditions, I.I.I. urges home owners to remain indoors and stay tuned to the radio for reports from the National Weather Service Bureau, which maintains spotters, meteorologists, and radar crews on the alert throughout the season.

If the weather service announces a tornado watch, it means conditions are conducive for tornadoes in the area of the watch. A tornado warning means a twister has been sighted or detected on radar. If the storm is in your immediate

area, leave your car and quickly find the closest building or dwelling, seeking out a basement or a room without windows.

First-floor closets or bathrooms are

good alternatives in the home. Keep a transistor radio available with a fresh supply of batteries; a flashlight; and a canteen of drinking water.

Mobile home owners should immediately evacuate trailers, even if their units are anchored. Some mobile home parks have community centers where residents can take shelter. People in office buildings should take

shelter in an interior corridor on the lowest floor possible. Often a staircase with no windows offers good protection. Refrain from using elevators because

In the Midwest tornados

generally strike from April

through July on the Great Plains.

States around Lake Michigan are

prone to tornados because at-

mospheric pressure and condi-

tions are conducive to thunder

Most warning systems in the

Tornados can appear day or

Tornados can travel at high

speeds covering a path of one

mile to 100 miles and travel nor-

night and can be hidden by low

clouds, smog or fog.

Midwest depend on actual sightings of tornados, funnel

clouds and conventional radar.

storms, lightning and hail.

electrical failures are common during tornados.

State laws require rigid safety engineering standards for schools, making them the safest shelter areas during tornados. However, auditoriums, gyms and arenas should immediately be evacuated. Their large roof exposures make them prone to collapsing during a storm.

After a storm people should be cautious in use of drinking water; watch out for falling debris; and avoid fallen power lines.

thwest to northeast. However,

A tornado watch is called when

atmospheric conditions are con-

ducive to a tornado, A tornado warning is issued if a tornado has

been sighted or detected by

A path of a tornado can take

any direction. Some tornados

have been known to hit the

ground, rise and then come down

Tornado conditions are too

often ignored by communities

because they lack safety plans

for tornados or severe storms.

there are exceptions.

radar.

again.

Know your tornado facts



Wednesday, May 10, 1978-THE NORTHVILLE RECORD-11-A

m

Ann Carroll and Fair Warning'

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DAILY LUNCHEON SPECIALS \$2.25 Private Room Available For Parties or Meetings

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Geake seeks reprieve for school lunch law their three meals a day is state-mandated proadequate state funding School districts in will place just another going too far. The state is Michigan would get a

two-year reprieve in implementing the costly state-mandated school lunch and breakfast programs, under a bill introduced recently by State Senator Bob Geake (R-Northville). Under a state law pass-

heavy burden upon the shoulders of our state's taxpayers," Senator Geake charged. "To do home.' this is insensitive and unappreciative of the efforts taxpayers are already making to support, education in Michigan."

taking away basic family responsibilities and eroding the values of the

''A number of legislators have noted recently that school districts are finding it difficult, if not impossible, to

grams must be backed up with state dollars." "Implementation of

these programs, even with promised state help, will cut deeply into school districts operating budgets, and will ultimately force school districts to ask their taxpayers for in-



Editorials . .

12-A-THE NORTHVILLE RECORD-Wednesday, May 10, 1978



Robins, green grass, budding trees and flower gardens always return with spring.

But it hadn't occurred to me that there's another welcome springtime sight in the community of Northville.

It is the return of many longtime residents who have spent the winter months in warmer climes.

This migratory phenomenon struck me last week as I saw the Charles Elys, Beatrice Carlson and Beth Lapham on successive days, all just recently returned to Northville from Florida.

And last Saturday's tribute to Dr. Russell Atchison added to the awareness of Northville's "roots." It served as the catalyst for some to return to their Northville homes from winter residences earlier than usual. And it brought back a number of visitors here for the weekend to say "thanks" to their favorite doctor.

To this reporter of more than two decades of local history it was like reviewing the cast of characters who have helped make Northville what it is.

In this business of reporting durrent events the tendency is to focus attention on what is happening now, who is involved, and how the problems are being resolved.

The community problems of the fifties and sixties were not unlike those of the seventies. City, township, school district, cultural, social, business and religious institutions required the same citizen involvement they do today.

And among those who were involved, and on hand last Saturday night, were Merritt Meaker, the Bud Webers, the Frank Marins and Dick Martin, the Raymond Stillsons, the Chuck Altmans, the John Millers, the George Merwins, the Robert Beerbowers, and the George Clarks. mer months at the Garden Center. And, like the others, he is a welcome addition back to Northville.

☆☆☆

Sadly, not all of our community's involved citizens of years past will be around this summer.

Memorial services were held for one of them today, Ed Welch.

He was one citizen who was still giving. He had just been elevated this year to the position of Worshipful Master of Northville Lodge No. 186, F. & A.M.

Ed served on the charter commission that led to the incorporation of the city of Northville in 1956. He was also an elected city councilman. And like Bea Carlson, he chairmanned a community beautification campaign that won a first place award in national competition.

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"Mainstreet 78" will be unveiled tomorrow night at a dinner meeting for local retailers.

Some 170 businessmen have made reservations for the program at Northville Downs when a downtown improvement committee will outline its proposals for immediate and long range improvements in the city's central business district.

☆☆☆

I hope this doesn't sound boastful. It's really a case of pride.

There's a special section appearing in this edition of The Record that I believe is one of the finest our newspapers have ever produced.

The idea for "May 10, 2003"

... A page for your expressions and ours



ROBERT WARK

YES . . ,

In Oakland County fuzzbusters or radar detectors have already been declared illegal. The county has argued that the use of these devices by private citizens violates legislation prohibiting the monitoring of police frequencies without permission. For two months now police in Oakland County have been ordered to confiscate fuzzbusters and there are presently five cases pending.

In any case, radar detectors are over-rated. Police can use hand held radar units that do not give out a constant signal and thus can trip fuzzbusters only after it is within radar range. The police also now use radar on different frequencies that will not be detected by conventional fuzzbusters.

Actually a CB unit is much more effective for spotting police and actually serves the police's purpose in slowing down traffic.

Our idea in prohibiting radar detectors is to stop the habitual traffic violator. These are the people that not only exceed the 55 mile-per-hour limit on the highway, where there is some tolerance, but who exceed the limits on the four-lane business routes and the two-lane roads. These are the roads where we have the most accident problems. If we don't stop these violators more and more people will be killed.

> Robert Wark Public Information Officer Oakland County Sheriff's Department Pontiac

Photographic Sketches . . .



Speaking for Myself

Outlaw fuzzbusters?

By JIM GALBRAITH



WALTER BIRD

NO . . .

Fuzzbusters are terrific. If drivers did not have them the police would be writing a lot of needless tickets.

How many times have you been driving with the flow of the traffic, not watching your speedometer constantly and perhaps not noticing a sudden change in the speed limit.

The warning the fuzzbusters give allow the driver to check his speed before the police do.

In fact it would be fine with me if phony radar units were installed at various places along highways to trip fuzzbusters and make drivers check their speed more often.

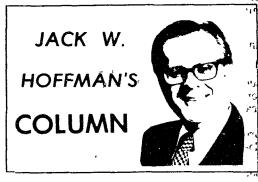
I do a lot of highway driving in my business and without a fuzzbuster I would never be able to make time. I never go over 70, the old speed limit, and have never been responsible for an accident.

I have nothing against the 55 mile-per-hour speed $e_{\rm eff}$ limit and follow it when I'm not in a hurry. But the modern highways were built for higher speeds and my truck functions better at those speeds.

I see no reason why there should be laws prohibiting fuzzbusters. If the police can use electronic devises, why can't I?

If the police are sneaky enough to hide behind $\frac{c_{1}c_{2}}{c_{1}c_{2}}$ highway viaducts, then I should be allowed to be $\frac{c_{1}c_{2}}{c_{1}c_{2}}$ sneaky enough to know they are there.

Walter Bird $\log \frac{100}{100}$ South Lyon $\log \frac{100}{100}$



The countdown has begun.

I know it by the increasing frequency that: tears well up in her eyes and the growing pile of furniture stacked up at the doorway.

"For goodness sakes, you ought to be jumping for joy," I said upon finding her daubing reddened eyes as our daughter gathered up her things preparatory to mov-ing them to an apartment.

"What are you talking about...we're losing a daughter to marriage, two others are moving out, a son wants to take an apartment...and you want me to be joyful?"

Meaker was a high school teacher; Weber served on the school board; the Martin brothers pwned and operated Warren Products and Dick was a school board member; Clark was a local businessman and served the community in many capacities including acting-city manager and township supervisor; Altman was a businessman who was active in retail merchant organizations and city committees.

And Bea Carlson... well, she is the local pioneer of equal rights for women. But she accomplished it by giving her time for Red Cross blood banks, community beautification campaigns and by serving as the city's first councilwoman.

Beth Lapham, a longtime Northville businesswoman and just plain very-nice-lady, had a special reason for returning to Northville. She couldn't attend the tribute for Dr. Atchison. She was getting married to ex-banker Jack Taylor, formerly of Plymouth and Rochester.

Then there's Charley Ely. Without being old he personifies old Northville to me. I cannot remember visiting Ely's Garden Center when Charley was holding court there that I did not come away smiling.

He will help out his son, Clancy, on Sundays during the sumcame from one of our reporters on The Brighton Argus. For the past six months editorial and advertising staffers from our five community weekly newspapers have worked on this plus-project in addition to covering their regular assignments.

It required some digging and ingenuity. And it produced some very talented writing, unique make-up, creative photography, coordinated advertising and very good composition and presswork.

I think it's an outstanding accomplishment for any newspaper staff and I commend it to your reading.

It is, I must admit, disturbing to discover that such a fine product can be created by our staff and produced in our plant entirely without the experienced guidance and assistance of the boss.

When did these-young whippersnappers get so good?

☆☆☆

Ex-resident Mel Miner recently wrote to Jack Hoffman from his new home in Norway, Michigan, where he owns and operates a funeral home.

Mel hasn't lost his sense of humor. He passed along this observation: "The Lord's Prayer contains 56 words, the Gettysburg address 266, the Ten Commandments 297, the Declaration of Independence 300, and a recent U.S. Government declaration setting the prices of cabbage, 26,911 words." Winter's aftermath

The Northville Record

Production

Circulation News Feat Women's E

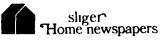
Sports Edit

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Manager	Jack Kaake
ure Editor	Richard Periberg
ditor	Jean Day
or	Michael Lash
Mar	Michael Preville
blisher	Jack Hoffman
	William C Sliger

"Yup," I said gleefully. "Look at it this way: we're losing some kids but gaining a fuller icebox and more regular access to the bathroom."

"Is that all you can think about?"

"Yup, that and the fact that I'll finally be able to get my car in the driveway."

"You should be ashamed!" she exclaim.

If the truth be known, I share some of her sentiment. It will take some time to adjust to having just three kids in the house — the first time that has occurred in nearly two decades.

It's a little difficult to remember it, but there was a time that three kids seemed like a, houseful. But when I reminded the moving kids' mother of that fact she bawled some more.

The way I figure, it will take perhaps a whole week to adjust, possibly a day longer 'cause the two cats are moving, too.

About the same length of time it took to adjust when half the barracks full of soldiers moved out, leaving me, my bunk and a row of mops in a sea of emptiness a lifetime ago.

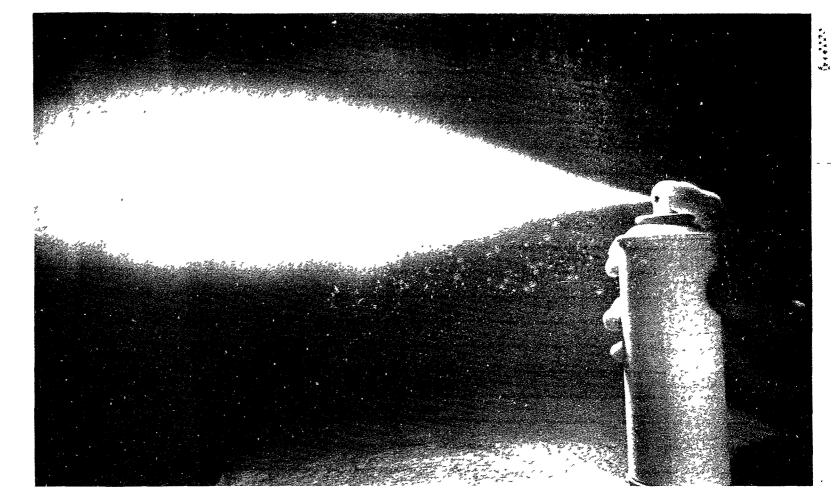
The big difference between then and now is that the moving soldiers didn't take the furniture.

"What do you mean Mary's taking the kitchen table and chairs?" I asked.

"We don't need them," she said.

"Why not the sink?" I asked sarcastical. ly. "Seems to me we could manage nicely with one of the dishpans."

"What pans...Debbie's taking those."



Deodorants, anti-perspirants distinctly different

Confidence . . . When it gets wetter, it gets better. Secret. . . Strong enough for a man but made for a oman

Mitchum. . . I didn't use my deodorant today and I nay not use it tomorrow. Right Guard. . . I won't get dressed without it.

Turn on television and there they are, omnipreent commercials selling the virtues of products lesigned to make you more fragrant. Most of us nentally heap these odor fighting products inliscriminately in a body odor category, if you can ball it that.

But truth of the matter is there is a distinct diference between deodorants and anti-perspirants. to says Diane Place, consumer affairs officer with Detroit district office of the U.S. Food and Drug Administration

A deodorant is a cosmetic, Ms. Place says. An anti-perspirant is a drug.

, So, big deal, you say? It is a big deal. "A cosmetic,". Ms. Place explained, "is a substance that can be introduced to the human body or the purpose of making you more physically attractive.

"It only has to be safe and prepared from appropriate ingredients," she continued. A cosmetic doesn't have to be effective for anything.

Practically, however, deodorants do do something, otherwise they wouldn't sell, Ms. Place says

"They mask odor," she said. "They are effective to a degree.'

6 Anti-perspirants are a drug.

"An anti-perspirant actually changes a func-

tion of the body," Ms. Place explained. "It stops perspiration.'

Dr. Harry Lubetsky, a Brighton M. D. and dermatologist, said that the effective agents in perspirants are aluminum salts, with the two most common being aluminum chloride and aluminum chlor-hydroxide.

An alumninum salt clogs the pores, or as Dr. Lubetsky put it, "narrows the sweat gland duct openings.

"That's why you have to apply an antiperspirant more than once a day." Lubetsky said. 'It wears off in a short time.'

A drug has to be proved safe and effective on a risk-benefit ratio before it's marketed Ms. Place said



She noted, for example, that many people are allergic to aluminum salts. On the other hand, Ms. Place said, for people who perspire and are not allergic, it diminishes the amount of perspiration.

Both a deodorant and an anti-perspirant must contain a list of ingredients on the label, Ms. Place said, but a drug only has to list the active ingredients.

Aspirin, she noted for example, is the active ingredient and only a small part of the pill we take. The rest of the pill are innocuous ingredients that make the pill form.

"Cosmetics," Ms. Place continued, "must list all ingredients in order of declining predominance, except for fragrances and flavors. They can just say, 'fragrance'.'

Mrs. Place says she doesn't think people regard deodorants and anti-perspirants as such. They regard them as grooming aids.

"Cleanliness," Ms. Place continued, "is still the best odor control.'

Plan 'gas station' decor

Continued from Page 1

want to make sure that you have something that looks good," he told Hancock.

Hancock expressed surprise and disappointment in not getting a go-ahead signal for the renovation and questioned why he would need an ar chitect's scale drawing. Wheaton said that this is not a legal

requirement of the city's but that any presentation must be in full compliance of the city's ordinances

Hancock told the commission that his operation is to be a complete carry-out featuring pizza. He plans a canopy striped covering at the entrance and plans to use leaded glass. He said he hopes to locate antique gas pumps to complete the decor.

city requirement at the next meeting on

Wheaton stated that when Hancock May 16, the commission would consider returned with a plan in compliance with it without referral to its architectural committee.

1. 1 911 1 NORTHVILLE TOWNSHIP 2 1 16A2 3 V V MA-22 PLANNING COMMISSION

PUBLIC HEARING

AMENDMENT TO ZONING ORDINANCE

NOTICE IS HEREBY GIVEN that a public hearing will be held Tuesday, May 30, 1978 at 7:30 p.m. to consider the following.

AN ORDINANCE TO AMEND THE TOWNSHIP OF NORTHVILLE ZON-NG ORDINANCE BY AMENDING THE TEXT THEREOF. THE TOWNSHIP OF NORTHVILLE ORDAINS:

PART I. The Township of Northville Zoning Ordinance No. 47, as amended, is hereby further amended by amending Article XVII, Section 17.1 to read as follows:

Continued from Page 1

Change in the original plan was brought to the commission's attention by chairman C. Thomas Wheaton who noticed that the new application was for two additional units and was a twostory structure rather than a one-story originally given the variance

The commission also had received a plan analysis report from site plan review members James C. Cutler and Bruce Turnbull that pointed out their

concerns. ^{Si}We feel a deep concern about the six foot corridor created between projected apartments and the blank wall of Arbor Drugs," the report stated.

"Upper units empty into this corridor

factor for the tenants.

The owner replied that he had been instructed by the city engineer to have rear exits on the addition.

Apartments addition denied

The committee also expressed concern that there was no provision for a trash dumpster and no access walks, and noted that lighting required by city ordinance was not provided.

City Manager Steven Walters was requested to study the trash disposal situation at the Little Hill Apartments where the city presently collects from curbside and to make a recommendation. A trash dumpster in the complex, it was reported, could cause collection problems as it was questionable whether present blacktop was heavy and in our opinion create a real safety enough for DPW trucks that also could

have difficulty turning around inside the area

Planning consultant Ronald Nino also cited lighting and refuse disposal needs as well as pavement elevations needed ted if omissions were corrected.

to direct surface drainage into the Randolph Drain. He mentioned need for dimensioned parking places but recom-mended approval of the plans submit-



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MEMBERSHIP, TERMS, REMOVAL.

There shall be a Township of Northville Zoning Board of Appeals which shall have five (5) members. The first member of the Zon-ing Board of Appeals shall be a member of the Planning Commission of the Township of Northville, appointed by the Planning Commission with the approval of the Township Board of Trustees. The second member shall be a member of the Board of Trustees of the Township of Northville appointed by the Township Board. The third, fourth and fifth members shall be selected and appointed by the Township Board of Trustees from the electors of Northville Township residing outside of the in-corporated cities and villages. These members shall be representative of the population distribution and of the various interests present in Northville Township. An elected officer of the Township of Northville shall not serve as Chairman of the Zoning Board of Appeals. An employee or contractor of the Township Board of Trustees may not serve as a member or an employee of the Township Zoning Board of Appeals. Members of the Zoning Board of Appeals shall be removable by the Township Board of Trustees for nonperformance of duty or misconduct in office upon written charges and after public hearing. A member shall disqualify himself from a vote in which he has a conflict of interest. Failure of a member to discualify himself from a vote in which he has a conflict of interest shall constitute misconduct in office.

The term of each member, other than the first member who is a member of the Planning Commission and the second member, who is a member of the Board of Trustees, shall be for three years, except that of the members first appointed, two shall serve for two years and the remaining member for three years. The term of the first member, who is a member of the Planning Commission, shall be for three years or only so long as such member holds membership on the Planning Commission. The term of the second member, who is a member of the Board of Trustees, shall be for three years or only so long as such member holds membership on the Township Board of Trustees. A successor shall be appointed not more than one month after the term of the preceeding member has expired. All vacancies for unexpired terms shall be filled for the remainder of the term.

The members of the Zoning Board of Appeals shall annually elect a Chairman, Vice Chairman and Secretary. The member of the Zoning Board of Appeals who is a member of the Township Board of Trustees shall not serve as Chairman of the Zoning Board of Appeals. The Zoning Board of Appeals shall, not less than annually, fix and adopt rules and regulations to govern its procedure.

All interested parties will be given an opportunity to participate in the hearing and at the close of the hearing all comments and suggestions of those citizens participating will be considered by the Northville Township Planning Commission before making its decision. The tended the second secon tative text of the proposed amendment of the Zoning Ordinance and of the map are available for public inspection at the Northville Township Hall during regular business hours.

> William Bohan, Chairman NORTHVILLE TOWNSHIP PLANNING COMMISSION

Publish: May 10, May 24, 1978

City tax hike seen

Continued from Page 1

will see a 7 percent increase from SEV reappraisal and 11.6 percent increase from the 1.5 mill addition.

Combined, the SEV reappraisal and the millage increase will mean a 16.6 percent increase for the average Wayne County taxpayer and an 18.6 percent average increase for the Oakland County taxpayer, the manager said.

'Earlier, Councilman Johnston had noted that the recently approved increase in sewer-water bills will be more costly than the proposed tax increase. -This week he elaborated by pointing out that he did not mean to imply that the sewer-water increase makes the 1.5 millage increase less important. Taxpayers, he guessed, would not look lightly upon the tax increase.

Nevertheless, council members said they had not received a single complaint about the proposed tax increase. Perhaps, the recently overwhelming defeat of the school millage increase proposal reflects the "adverse reaction" council anticipated with its tax hike proposal, said Councilman Nichols.

Mayor Vernon disclosed that he had received a letter from Sam Kunst, 568 Langfield, that was critical of the budget.

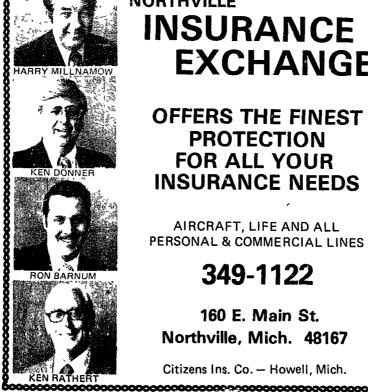
Here are the main departmental expenditures in the new budget, compared with the current budget and with anticipated actual expenditure:

Administration, \$280,005, up from \$240,525 budget and the \$267,218 estimated actual expenditure; police department, \$538,900, up from the budgeted \$480,205 and the \$507,049 estimated actual;

Fire department, \$85,450, up from the budgeted \$59,750 and the \$68,620 estimated actual; public works, \$370,700, up from \$358,900 budgeted for 1977-78 and the \$371,450 estimated actual.

The new budget suggests city contributions of \$14,500 for local library operation, \$25,000 for county library service, \$1,500 for senior citizens, \$1,400 for ambulance service, \$2,000 for fish hatchery park maintenance, and \$32,200 for recreation.

The total city contribution for the latter joint services with the township is \$76,600.



Lobby reform bill vote May 17

Common Cause, Geake favor bill

Common Cause, Michigan's "public interest lobby," has its sights set on private lobbyists.

The citizen advocacy group also has its sights set on State Senator Robert Geake, of Northville.

By Wednesday, May 17, it should be apparent just how effective Common Cause has been in both cases.

Common Cause is interested in Geake because of its interest in lobbyists and specifically, because of its interest in Senate Bill 674, more commonly known as the Lobby Reform Bill.

That bill, introduced in the state legislature last year, has been bottled up in Senator Basil Brown's Judiciary Committee since last October. The controversial bill, which would set forth stringent guidelines for lobbyists, has been given little chance of ever emerging from Brown's committee.

In an effort to rescue the bill from Judiciary, Common Cause is pushing a rare legislative effort - a discharge vote — which is to take place next Wednesday, May 17. This process will call for a vote of the entire Senate on whether to discharge the Lobby Reform Bill from the Judiciary Committee to the Senate as a whole. Only one other discharge vote has been called for this year, in the case of land use planning, and it failed. Last year, the only discharge effort also failed.

Which is where Senator Geake comes in. Common Cause regards Geake as one of 17 or 18 "swing votes" - senators who could go either way in the upcoming discharge effort. As a result, Common Cause is pushing hard for Geake to line up on the side of the Lobby **Reform Bill.**

"We expect a close vote," admitted Jan Elsman, state chairperson of Com-mon Cause, "and we need every vote we can get. We figure Senator Geake is a possible yes vote because he has voted for both of the last two discharge efforts. But voting for discharge is not a popular thing in the Senate and we really won't know how people will line up until next week."

Senators are wary of supporting discharge efforts for a variety of reasons, according to Ms. Elsman. Legislators who themselves are committee chairpersons are reluctant to pull a bill from the grasp of fellow legislators and chairpersons for fear of weakening their own positions at some later date. And the mere idea of discharge seems to fly in the face of the traditional legislative seniority system, Ms. Elsman added.

But indications are that discharge is the best hope Common Cause has for getting the Lobby Reford Bill before the entire Senate.

"Senator Brown has stated that, if he has his way, the bill will never get out of committee," Ms. Elsman said. "He hasn't explained rationally why he's opposed to the bill but he is the dean of the Senate and he seems to prefer to have things, lobbying included, done the way they've always been done.'

Indications are that Common Cause can rest easy in Senator Geake's case. Geake seems to agree, at least partially, that lobby reform is a good idea.

Geake told The Record Monday that he will vote in favor of discharge so the Senate can have the opportunity to debate the bill and make amendments.

The Northville senator said he supports the concept of the bill and believes it is in the public interest for some sort of lobbying regulations to be established this year.

However, that does not mean Geake supports 674 as it is presently written.

'I see a problem with some of the penalties in the act which could cause the same mess as the campaign reform law," Geake stated, referring to the possibility of people facing fines for unwittingly breaking a technicality of a complex law.

"I also fear politically motivated pro-secutors who might charge people with violations of the bill," Geake added. "The bill needs a lot of work but one of the provisions I like is the one which would keep legislators from resigning in the middle of their terms to become lobbyists.

"We've had that happen and that's one of the reasons we need this law,' the senator said. 🧳

Ms. Elsman and Common Cause certainly agree with Geake on the need for lobby reform.

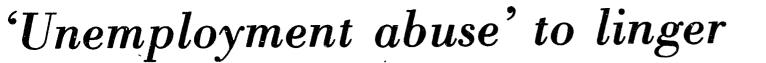
"Right now Michigan has nothing which forces any lobbyists to disclose how much they spend in attempts to influence legislators," Ms. Elsman noted. "All Michigan lobbyists have to do is register as lobbyists."

In some states which do require such disclosure, the amounts disclosed have been sizable. According to Ms. Elsman, lobbyists in New York spent \$3 million in a recent year. Maryland lobbyists reported spending \$1 million in California, lobbyists reported spending \$40 million during the 1975-76 legislative sessions

"If a little state like Maryland can generate \$1 million from lobbyists, who can guess what's being spent in Michigan to influence our legislators?" Ms. Elsman asked. "It certainly seems the people of the state should have a right to know."

After next Wednesday, it should be a little more clear whether legislators agree with that premise. Common Cause and other allies of the Lobby Reform Bill are expecting a stiff fight on next week's crucial discharge vote. But Ms. Elsman thinks her side has an ace in the hole.

"The people have a right to know," she stressed, "and in an election year, it's going to be pretty tough for senators to vote against legislation which would guarantee that right."



More people would be covered, and for a longer period of life, under Michigan's Minimum Wage Law, and plans would be drawn up annually to promote full employment under two bills recently approved by the Senate. We don't see action this year, however, on reforming our state's costly Worker's Compensation system, according to the chairman of the Senate Labor Committee which handles all bills on this subject.

I have consistently listed Workers'

Compensation reform among my top legislative priorities. Most people agree that the 63-year-old system must undergo some major repairs if we are to be able to improve our state's job climate and provide a more reasonable level of compensation for injured workers.

Similarly, reform of the wide open abuses in the state's Unemployment Compensation system is essential to helping solve the unemployment pro--blem itself. An example of a "reform"

Congressional Searchlight CONGRESSMAN CARL Pursell

How many of us have heard of the C.E.T.A. program? How many times have you heard it pronounced "Seetah"? Does it strike a bell now?

An acronym is a word formed from the initial letters of a name, such as WAC for Women's Army Corps. The

eat - teach him to fish, and he can feed himself". Sound familiar? We try to do this overseas too. But that's another column.

Why isn't it working here? I think there are a number of reasons. One reason is that a large portion of the jobs being offered under this program measure which goes in exactly the wrong direction is House Bill 5476 which finally won enough Senate votes for passage recently after having been defeated previously. This bill extends the 1964 Minimum

Wage Law to persons who work for the present law says four employees (the present law says four employees) and to those up to 70 years of age (the present law says 65). This added 'protection" will likely result in fewer jobs at the small businesses and for young and elderly workers in out state. This effect is probable because many small businesses, where a large percentage of young and older workers have been able to find jobs, may not be able to expand their work forces or even

By ROBERT GEAKE STATE SENATOR

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stay in business if forced to pay the minimum wage when their marginal profits can't handle the added expense.

Other attempts are being made at improving our state's job climate, such as the bill passed recently which establishes full employment as an official state goal and creates an advisory council to draft an annual program giving this goal top priority.

Most Senate members voted for the bill (SB 395), largely because it appears to be a good idea to consolidate all current efforts by state departments aim-ed, at reaching this goal, although some members expressed reservations about just how effective the consolidation program would be.



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government has many of these "acronym" programs. The problem with using this shorthand acronym system is that sometimes the original words and meaning of the program get "shorthanded" too. And I think this may have happened to the "Seetah" program.

C.E.T.A. stands for Comprehensive Employment and Training Act. And I think we lost our "T".

The C.E.T.A. program was developed to a great extent in order to give temporary employment to the "unemployable" (people with no set skills) while at the same time training them in those skills in order to make them "employable". It was an attempt to give some solid support to that old saying "give a man a fish, and he can



are really dead-end jobs. Jobs that do not train the worker for a future. These jobs are a circulating pool of temporary workers to complete basic projects, but offer the worker no further skill at the finish of his/her particular grant than they had going into the program.

Another reason is that some of the funds are being used to hire, not the unskilled or unemployable, but already skilled workers to fill a position that might be helpful but not covered in the business or government budget for the year.

I think the overall reason why C.E.T.A. hasn't been as effective as we'd like is because we haven't put as much stress on the "training" portion of the Act as on the "employment" portion of the Act.

> FOR TIN WINE by JimRoth Rumor has it that Leif Erikson, when he first came upon the North American continent, was most impressed by its forests and the grape vines that were twisting through the trees. The grapes had a kind of musky taste, legend tells us, but were good enough wine grapes for Leif to call the new land Windland. But the North American continent was ignored by Europeans for years, as was its wines. When settlers finally started coming again they didn't particularly like native wines and failed at transplanting European vines here. That is until the Spanish fathers saw the rolling hills of California and used Mexican vines to start the now famous California vinevards. We're famous in this area for stocking fine

wines. Whether you want just one bottle for a small dinner party or a case or more for large parties you're sure to find exactly what you want by coming to us at GOOD TIME PARTY STORE, 567 Seven Mile Road, 349-1477. We also have beer from all over the world including genuine draft beer in both 1/4 and 1/2 barrels. Hours: 9 a.m.-10 p.m. Mon. thru Sat., Noon-6 p.m. Sun. HELPFUL HINT:

Use the corkscrew that is most effective for you, not the fanciest one.



The Northville Record

B-1

Wednesday, May 10, 1978

Sports

Harrison win puts netters on top all alone in league

league leaders now.

rolled to its fifth straight Western Six victory last Wednesday with a 7-0 romp over Farmington Harrison, the only other school unbeaten in league play before last week.

That means the Mustangs are now 10-1 overall this season and, barring an upset, appear headed for their third straight Western Six championship under coach Bob Simpson.

'I guess you could say the Northville tennis team rose to the occasion,' Simpson said of the Harrison meet, which he'd been somewhat wary of beforehand. "I expected them (Harrison) to be a little tougher, but as one bi our co-captains put it, 'we just did what we had to do.'

Win 2 in weekend relays

And they did it convincingly. All four singles players and two

First singles ace Barry Ouellette led the rout with a 6-1, 6-2 victory, his 10th

Mustangs were slated to make up that in 11 decisions this spring. Second singles player Doug Castillo contest last night. Their next meet takes place this afternoon at Livonia Churchill. Earlier breezed past his opponent 6-1, 6-1 while

in the season the Mustangs beat Churchill 6-1 on their home court, but Simpson expects a tougher battle this time around.

"We never do very well over at their place," he said, adding somewhat ominously that "this year will be no exception.'

Northville begins Class A regional competition at Plymouth Salem a week from this Friday. Drawings for the tournament will take place Monday.

Last year the Mustangs finished second to Livonia Stevenson in the Plymouth regional, qualifying them as one of 22 teams in the first-ever Class A state finals.

You can call them the undisputed doubles teams won in straight sets. scheduled against Waterford Mott on Monday that was washed out. The

Northville's powerful tennis squad Lance Carter won 6-2, 6-0 at third singles and John Marzonie 6-0, 6-2 at

fourth singles. Second doubles partners Jeff Hodge and Eric Engelmeyer kept up their win-ning ways with a 6-1, 6-2 victory and Greg Bach and Herbel followed up with a 6-4, 6-3 win in third doubles.

The Mustangs' first doubles victory, however, proved a tougher cookie than they'd bargained for. Steve Pyett and Steve Laffler, who've made somewhat of a habit of playing dramatic matches this spring, came from behind in their last meet for a 6-4, 5-7, 7-6 marathon win.

Northville also had a league match

wagered see-saw battles with Garden City East and Redford Thurston on the last two legs. Turnbull finally pulled ahead for good

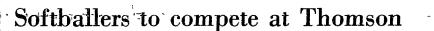
in the last 200 yards and won by three seconds over Kevin Kitze (Garden City's anchor man) and Curt Reynolds (Thurston's anchor man), two of the top distance runners in the area and state.

"That was really thrilling, especially since we had only two fresh runners in there," Gabrys said of the medley victory. "The splits for all four of them were fantastic."

Monagle (2:01.6 in the 880), Couyoumjian (3:22.2 in the threequarter mile) and Turnbull (4:31.3 in the mile), in fact, all had përsonal bests, while Weber's 54.0 in the 440 was just .1 second off his best time, giving Northville a combined time of 10:49.1.

The two victories and one third-place finish gave the Mustangs 13 points overall and a seventh-place standing. Churchill won the meet with 35 points while Plymouth Salem and Bishop Borgess tied for second with 28 points apiece.

Northville's next meet takes place tomorrow at Walled Lake Western, a Western Six opponent. This Saturday the Mustangs will compete in the Cardinal Relays near Lansing, where they set a meet record in the shuttle relay race last year, then travel to Plymouth for another league meet against Canton next Tuesday.



Early tournament's this weekend

Northville's annual early men's softball tournament will take place this weekend at Thomson Field.

Games get under way Friday at 6 p.m. and wind up Sunday, with the finals starting at 8:30 p.m.

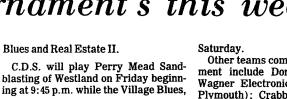
blasting of Westland on Friday beginning at 9:45 p.m. while the Village Blues,

Lance Carter returns a shot during his third singles victory over Harrison

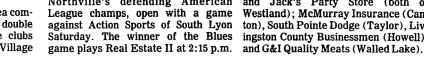
Northville's defending American

Other teams competing in the tourna-

Fourteen teams from eight area communities will compete in the double elimination tourney. Northville clubs competing include C.D.S., the Village



ment include Don Massey Cadillac, Wagner Electronics and R&J (all of Plymouth); Crabby Joe's-Gizzi Metal and Jack's Party Store (both of Westland); McMurray Insurance (Canton), South Pointe Dodge (Taylor), Livingston County Businessmen (Howell),



WERED RAD

Mustangs run tough at Churchill There's still plenty of room for im- in the low and high hurdles (third and Couyoumjian and Turnbull both

provement. And victories haven't exactly been coming a dime a dozen late-

But Ed Gabrys' tracksters are a visibly improved group over the team that took to the cinders five weeks ago, and that could mean trouble for the rest of Northville's Western Six opponents this season.

Despite his squad's 0-2 record in league competition so far, Gabrys feels the Mustangs have an outside shot at duplicating their second-place finish of last year, and last week's performances are one reason why.

While suffering a 91-67 loss to defen-ding champ Livonia Churchill, for in-stance, at least eight local tracksters set personal bests in their events.

Then, two days later, the Mustangs won two events and placed a close third in another at the 14-school Observerland Relays, helping them to a seventh-place finish overall.

As usual the field events competition was Northville's major pitfall against Churchill. The Mustangs picked up just 16 of a possible 55 points in the discus, shot put, long jump, high jump and pole vault, but ran the Chargers almost dead even in running events, picking up 51 points to the Livonia school's 52.

Brian Prom was the local squad's lone field events winner, nabbing the long jump with a 20'1" leap. Prom was also one of five Mustangs to win individual running events. He took the 330-yard low hurdles in 40.4, just .1 second ahead of Churchill's top hurdler.

Other Northville winners included

fourth respectively), Harry Couyoum-jian in the 880 (second behind Monagle), Myles Couyoumjian in the 220 (second place), Andrew Walsh in the 100 dash (third place), Ken Weber in the 440 (third place after missing seven meets with an injury); and by Tim Ellis in the shot put and discus (second and third respectively), Ray Coram in the long jump (third place) and Craig Raycraft in the pole vault (second place with an 11'2" vault).

The Mustangs even won the mile relay for the first time in a dual meet this season, with Harry Couyoumjian, Weston, Monagle and Doug Wright leading the way.

"We looked pretty tough," Gabrys acknowledged, although he noted Churchill was competing without Steve Kielty, one of the top discus throwers and shot putters in the area. "We were emotionally ready for that meet, and we ran against them very well."

The team's best showings of the week, though, came at Saturday's Observerland Relays.

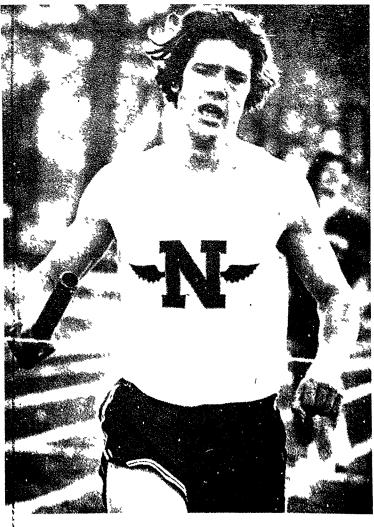
Prom, Myles Couyoumjian and Ray Coram combined for a first place in the long jump competition. Prom leaped 20'2", Couyoumjian 18'101/2" and Coram 18'61/2", giving the team a 57'7" total and a three-inch edged over runner-up Plymouth Salem.

Northville almost had its second victory of the meet in the four-mile relay, but lost an early 100-yard lead and finished third in 18:36.5, seven seconds behind Churchill's winning quartet and one second behind runner-up Bishop Borgess. Two of the four runners who competed in the four-mile relay, though -Harry Couyoumjian and Turnbull came back to lead the Mustangs to a dramatic victory in the distance medley relay.

John Monagle (2:05.5 in the 880), Myles Couyoumjian (10.5 in the 100-yard dash), Jim Weston (54.8 in the 440) and Brian Turnbull (4:39 in the mile run).

The Mustangs, in fact, had two of the top three finishers in five of the eight individual running events. Other strong performances were turned in by Turnbull and John Coram in the two mile (second and third place), Rob Marzonie

After Monagle and Weber got Northville off to a slight lead on the first two legs of the race (the 880 and 440),



Brian Turnbull finishes up dramatic distance medley victory

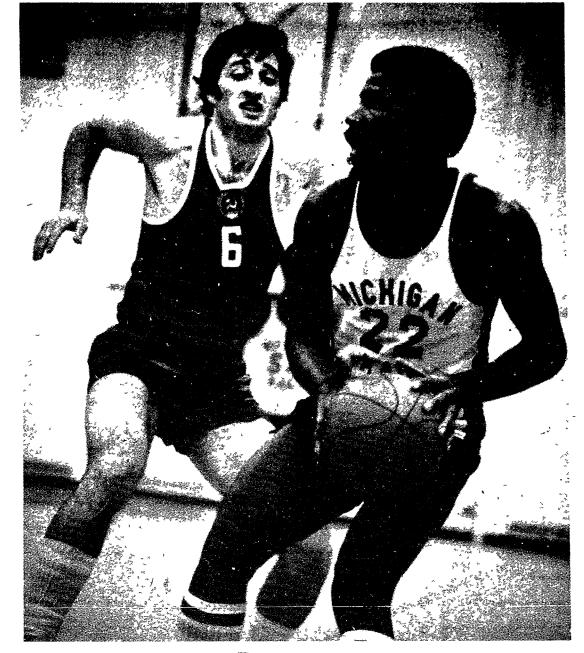


2-B-THE NORTHVILLE RECORD-Wednesday, May 10, 1978

Sports calendar







Russian romp

Michigan's high school All-Stars had a tough time of it last Saturday in the International Youth Basketball Classic at Schoolcraft College. Despite being cheered on by an overflow crowd, the state squad suffered an 84-62 loss to the taller Soviet high school club. The Soviets appearance marked their second stop on an eight-game tour that will take throughout the northern part of the United States this month. Pictured above is Detroit Northwestern's Donald Mellon getting set for a shot against Russia's Zurab Grdzelidze.

Carter sets new record

There may not be many old girls' track records left to break when Lissa Carter is through at Northville High.

The little sophomore shattered her second school record in as many weeks when she ran a 17.0 in the low hurdles during a tri-meet last Tuesday, then turned around and broke it again with a 16.9 clocking two days later.

Her efforts weren't enough, though, to prevent her team from finishing a distant second to Livonia Bentley in Tuesday's tri-meet and losing a dual meet to Livonia Churchill Thursday, 87-49.

That left the Mustangs with an 0-3 record in dual meets this season, 0-2 in the Western Six.

Combined with Liz Pixley's secondplace finish in 17.4, Carter's recordbreaking hurdles race Tuesday gave Northville its only 1-2 sweep of the day and was one of only three victories the local girls picked up all afternoon.

Carter also won the long jump with a 14' 11½'' leap while Ann Dayton took the 220 in 28.3 as the Mustangs wound up with 45 points in the meet. Bentley won with 90½ points while Redford St. Agatha came in third with 9½.

In addition to Pixley two other Northville girls — Dayton and Kristy Ifversen — nabbed second places in individual events. Dayton finished runner-up in the 440 with a 62.2 clocking while Ifversen ran a 6:13.9 in the mile run.

Two days later Carter broke her own school record in the hurdles with a 16.9 clocking, but it was only good for a second place this time.

Carter did take a first in the long jump, though, with a 15' 9¾'' leap. That would have set yet another school record, breaking Dorothy Shipley's 1970 mark of 15' 8½'', except that Carter had already broken that with a 15' 10¼'' jump one week earlier. She also won the 220 against Churchill with a 28.0 clocking, just .6 seconds off another record. Other Northville victories were

other NorthVille Victories were posted by Audrey Riegner, who bounced 4' 4'' in the high jump, and Dayton in both the 880 (2:34) and 440 (62.6). Youngquist in the discus and Dayton

Youngquist in the discus and Dayton in the 220 were second-place finishers while Smith (shot put), Ifversen (high jump), Michelle Moulds (880 run) and Lisa Moulds (mile run) all placed third.

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Top Sliger area track time

L	0	ι.
Discus throw	One mile run	1. Tim Singer, Pi
1 Pat Clements, Ho 146'1"	1. Randy Piotrowski, WLC4:27.9	2. Brian Prom, Nor 40.2
2. Greg Skonieczny, WLW	WLC	3. Bill Damm, Pi40.3 4. Dave Gardner, SL40.8
WLW	2 Sean Hurley, Br 4:32.8 3. Kevin Girbach, Ho4:33.0	5. Eric Mrozek, Har 40.8
 Tom Burdette,Har. 134'7¾" Dan Abney, Pi133'10" 	4. Dale Furlong, Ho 4:33.0	6. Jim Bogan, Br
5. John Armstrong, Br . 132'0"	5 Don McCall, Pi4:36.0	7. Rob Marzonie, Nor 41.2
6 Jim Foerster, Br 129'8''	- 6. Mike Mayes, WLW 4:367	8. Brian Walt, Ho41.2
7. Joe Mazutis, Br 128'0"	7. Brian Turnbull, Nor 4:38.2 8. Jeff Proulx, Br 4:39 7	120 high hurdles
8. Luigi Folino, Nor 123'6"	9 Jeff Johnston, Novi 4:40.4	1. Mike Biggs, Har 15.15
Shot put	,	Brian Kennedy, Ho 15.5
1. Brian Walt, Ho 48'11"	880-yard run	 Dave Gardner, SL15.8 Doug Sheldon, WLC 15.85
2. Joe Mazutis, Br 48'0"	1. Dave Beauchamp, Har	5. Brian Prom, Nor 16.0
3 Pat Clements, Ho 47'11" 4. Tim Ellis, Nor 47'8"	2. Tom Morris, Nov12:00.1	6 Bruce Krecow, Br 16.1
5. Randy Brown, WLW 46'0''	 Roger Brown, Br2:01.9 Mike Mayes, WLW2:03.0 	7 Dale Keener, WLW 16 2
6 Jeff Knop, WLC 44'3"	4. Mike Mayes, WLW2:03.0	8 Rob Marzonie, Nor 16 3
7. Craig Jarvis, Br 44'½" 8. Cameron Lee, Har 43'0"	5. John Monagle, Nor 2:03.5 6 Kory Penzien, Ho 2:03 8	440-vard relav
9 Angolo Buttozzoni	7. Doug Moore, Br 2:05 1	1. Brighton45.4
WLW	8 Randy Lis, WLW 2:05.8 9. Steve Leach, Br 2:06 0	2 Pinckney
-	9. Steve Leach, Br 2:05 0	zkowski, Chris, Riffle, Brad
Long jump 1. Greg Amburgey, P1.21'1'4''	10. Andy Rickelmann, Pi 2:06 1	Taylor, Sam Sapienza)46.7
2. Dave Baldwin, Br 20'9½"	440-yard dash	4. Northville (Rob Burnham,
3 10m 0'Dowd, Br20'8''	1. Dave Beauchamp, Har. 50 5	Ray Coram, Andrew Walsh,
4. Tom Licata, Br 20'5"	2. Lasse Kauserud, Ho	Dan Troher)
 5. Brian Prom, Nor20'4'' 6. Jeff James, Novi20'1'4'' 	4. Tim Singer, Pi52.4	s. multer sale noordenne see
7 Ray Coram Nor 19'10"	5. Dave Hotvedt, Pi 52 6	880-yard relay
8 Chuck Cramer, WLC 19'3"	6. Dave Baldwin, Br 52.8	1. Pinckney
9. Mike Krzyczkowski, Har 19'1"	7. Jim Weston, Nor 53 6 8. Fred Rickelmann, Pi 53 7	2. Hartland (Dave Beauchamp, Eric Mrozek,
nar 191	9. John Meyer, WLW 53.8	Beauchamp, Eric Mrozek, Kevin McClellan, Sam
Hıgh jump	10. Tom Morris, Novi 53.8	Sapienza)
 Bob Greynolds, Br 6'3½'' 	11. Ken Webber, Nor53.9	3. Northville (Ray Coram, Brian Prom, Andrew Walsh,
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4. Tim Mindling, SL 6'0"		4. Brighton
5. Brian Kennedy, Ho 5'11"	220-yard dash	5. Whitmore Lake (Tom
6. Dave Barker, Br	1. Dave Baldwin, Br23.4 2. Pat Clements, Ho23.4	Wagner, Jim Rutledge) 1:36 6
 Shaun Stevenson, Br 5'10" John Urbanick, WLC 5'10" 	3. Myles Couyoumjian,	-
o oom orbunica, who is it	Nor	Mile relay
Pole vault	4. Tony Licata, Br	1. Brighton
 Mark Krolewski, Pi 13'6" Lasse Kauserud, Ho . 13'3" 	5. Brian Prom, Nor 23.4 6. Dave Hotvedt, Pi23.5	Penzien, Jim McCollum, Lasse
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4. Steve Palermo, Pi 13'0"	8. Dave Osstyn, WLC 23.7	3. Hartland (Dave
5. John McCormick,	 9 Fred Rickelmann, Pi23.7 10. Bryon Ware, Pi23.8 	Beauchamp, Eric Mrozek, Pat Armistead, Mike Biggs) . 3:34.2
WLW	10. Diyon ware, 11	4. Pinckney
7. Jack Conley, WLW. 12'0" 8. Mike Cannaert, Har. 11'6"	100-yard dash	4. Pinckney
8. Mike Cannaert, Har. 11'6"	1. Greg Amburgey, Pi 10.4	Couyoumjian, Brian Prom, Jim
9 Craig Raycraft, Nor 11'2"	2. Matt Brewer, P110 4 3. Brian Kovath, Br10 4	Weston, John Monagle) 3:38 2
Two mile run	4. John Meyer, WLW 10.4	
1. Mike Mayes, WLW 9:35 8	5. Matt Niles, Br 10 4	Key D- D-ishton
2 Sean Hurley, Br 9:38.2	6. Fred Rickelmann, P110.4	Br—Brighton Har—Hartland
3 Mark Wagner, Ho 9:40.8 4 Kevin Gırbach, Ho 9:45.0	7. Bryon Ware, Pi10.4 8 Myles Couvoumijan.	Ho-Howell
5. Jeff Proulx. Br	8 Myles Couyoumjian, Nor	Nor-Northville
6. Kevin Hurley, Br 9:51.1 7. Jeff Johnston, Novi. 9:53 9	9. Dave Osstyn, WLC 10.5	Pi-Pinckney SL-South Lyon
7. Jeff Johnston, Novi. 9:53 9	10. Wayne Yates, WLW106	WLC-Walled Lake Central
8. John Yuhn, WLW9:56.0 9. Brian Turnbull, Nor 9:58.1	330 low hurdles	WLW-Walled Lake Western
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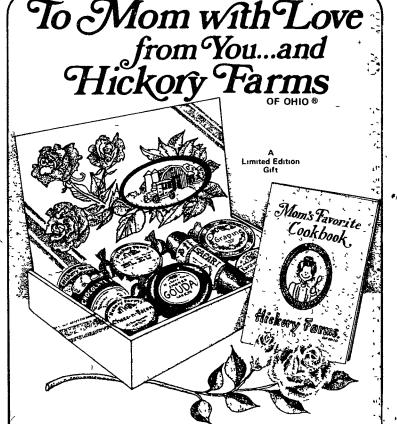
Harry Couyoumjian (middle) is among top 440 runners

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39.9 40.2 40.3 SL40.8 ar40.8 ar41.1 Nor41.2 41.2 dles r15.15 Ho15.5 SL15.8	NOVI INN
VLC 15.85 r 16.0	Nearly 150 yr. History
Br16.1 LW 16.2 Nor 16.3	Stop in for our
-lav 45.4 45.6	Businessmen's Luncheon
ike Krzyc- Riffle, Brad Iza)46.7 b Burnham, rew Walsh, 46.9 estern47.4	Check our Daily Specials Complement your meal with Beer, Wine or a Cocktail of your choice
elay 1:34.1 d (Dave ic Mrozek,	That's The NEW NOVI INN Located just East of Novi Rd. on Grand River
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10 x 10 WOOD DECK PACKAGE

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THE SUPER CHEESE MARKETTA

Harrison

Northville



BRIAN PROM

nis

;00 ;02 5,11

His competitors like Brian Prom who elp build track teams. Prom, a senior, has been doing it all for the Mustangs this season. His performances in the long jump, 220, high hurdles and low hurdles have been among the best in the area. Last week he had individual vic-**Jories** in the long jump and high hurdles jara dual meet against Livonia Churchill, then leaped 20'2" at the Observerland Relays to lead Northville to a first-place finish out of 14 schools in the long jump relay. A four-year letterman with the local track squad, Prom currently leads the Mustangs in total meam points with 120



LISSA CARTER

School records in girls' track competition took another pounding last week and once again it was Lissa Carter doing the pounding. Carter, who broke the oldest girls' record in the book just two weeks ago when she leaped 15'101/4" in the long jump, twice set marks in the 110 low hurdles last week. First she ran a 17.0 to win a tri-meet race last Tuesday, breaking Leslie Magdich's yearold record by .3 seconds, then clipped another tenth of a second off that in a meet against Churchill Thursday. As if that wasn't enough, she just missed breaking her own long jump record in the Churchill meet (she went 15'93/4) and came close to yet another mark in the 220 (she won in 28.0, just .6 seconds off Linda Prom's four-year-old record). And Lissa Carter is only a sophomore.

Late rally tops Mustangs

Northville played give-away baseball last Wednesday, and Farmington Harrison was more than willing to take advantage.

Thanks to a series of Mustang errors and a strong pitching performance by Steve Zerio, Harrison bounced back from a 2-1 deficit in the final two innings for a 5-2 victory, handing Northville its third straight loss and dumping Bob Kucher's club to fourth place in the Western Six.

"I think that's the first time in the 10 games we've played that we've actually given the game away," Kucher said of the loss, the Mustangs' fifth of the year. "We beat ourselves on key mistakes.'

All five of Harrison's runs, in fact, were unearned.

The first came in the top of the second on a single, a bad throw from home plate to second base on a steal attempt that allowed Harrison's runner to reach third, and a sacrifice fly.

Northville came back with a pair in the third after sophomore Jim Behen, making his first varsity appearance at the plate ever, led off with a double. last four innings.

Behen went to third on a sacrifice bunt by Mike McClure and scored on a single by Don Borthwick.

Borthwick then stole second, moved to third on an error and scored on a perfect bunt single by Pete Wright to make it 2-1

The lead held up until the sixth, when Harrison tied the score on an infield error and a single to right that Mike Lurvey just missed making a diving catch on.

The roof caved in in the seventh, however. With one out Harrison runners reached second and third on a walk, another infield error and a pitcher's throwing error in an attempt to pick off the man at second.

A pair of ensuing singles then knocked in the Hawks' final three runs.

While Kucher was unhappy with his own team's breakdown (Northville committed five errors in all), he credited Harrison's Zerio with a strong pitching job as well. Zerio came on in relief in the bottom of the fourth and held Northville hitless throughout the

^{··}Youth soccer results

'Old folks' win soccer showdown

The old folks apparently gave credence to the theory that experience even if it isn't of the sports sort prevails over youth last Sunday. Or did they?

"Parents of Northville United's 10-and-• Under boys' soccer team beat their sons 6-4 in a game at Cooke Junior High, but not before getting a few scares.

Mary Wasik, for instance, had to stop penalty shot late in the game — a shot ken by none other than her son Brent to help preserve the victory.

Chris Gala wasn't so lucky, though. Her son Eric, one of United's top scorers, tallied one of his two goals with successful penalty shot on her.

The boys' other goals came from Brent Wasik, who scored without the benefit of a penalty shot, and Doug Martin. Bob Oswald led the elders with wo goals while Bill Ruschak, Steve Sti-kicked in one each.

In regular 10-and-under Western Suburban Soccer League action, meanwhile, United utilized Brent Wasik's talents for a 4-0 victory over Plymouth, the local team's third in four games this spring. Wasik scored a pair of goals in the first half, then played goalie and made 12 saves in the second to lead the winners. Rick McCulloch and Doug Martin added one goal each.

Other 10-and-under games saw Arsenal edge Livonia no. 19 by a score of 1-0 for its third straight victory, while the Cosmos lost 6-1 to Livonia no. 13.

Marty McGrath with assists from Brad Butterfield and Steve Sellas. Marty Jones made three breakaway saves in goal to preserve Arsenal's unbeaten record.

George

In 12-and-under action fullback Tom McConville blocked a shot heading straight for an open' goal with 30 seconds left in the game to give the Rowdies a 2-2 tie with Livonia no. 11. Greg Pence and Bob Hicks scored for the local squad.

The Champs, meanwhile, used a strong defensive effort to stave off Plymouth no. 8 late in the game, 4-3. Scott Greiner, who scored two goals himself, made a perfect pass to Shawn Allen for the winning goal in the fourth period. Tom Vaselenak scored the winners' other goal.

Arsenal kept up its string of shutouts with a 3-0 victory over Livonia no. 13. Led on defense by Mike Sylvester, John Govin. Larry Salmeto and Matt Meyer. Arsenal has not shut out all four of its opponents this spring. Jeff Metz with two and Mickey McGrath with one were le, Pat McConville and Lance Hahn the team's goal scorers in last weekend's triumph.

In 14-and-under action Bill Kinnaird's playmaking talents earned him player of the game honors in United's 5-0 win over Livonia no. 5. Don Nielson had three goals for the winners while Rick Paler and Don Wolner added one each. Goalie Chris Marshall made eight saves to gain the shutout.

In girls' action center halfback Rebecca Gesler stopped six charges by Livonia no. 2, but it wasn't enough to stop the Livonia club from beating her 10-and-under Pink Panthers club, 5-0.

In 14-and-under girls' competition, Arsenal's only goal was scored by meanwhile, the Stars leveled their record at 2-2 with a 2-1 victory over Farmington no. 2 while the Pink Panthers blanked Plymouth no. 2, 6-0. Chrissie Kruetzberg scored both

goals for the Stars, who've now won Daraban tallied for the each of their last two games despite Cosmos, marking the third straight having eight brand new soccer players this season.

The Panthers got two goals each from Sharon Campbell and Jody Brummett Aztecs 3, Livonia no. one 5; Marj Muller and one each from Lisa Herguth and Karen Berlin, but lost Angie Butterfield for the season with a broken ankle.

Other local scores and scorers are listed below.

Boys 10-and-under Rowdies 1, Livonia no. two 4; Dave for tourney Wiekstrom (1) Hot Spurs 1, Westland no. one 2; Ken Kossak (1), assisted by Andy Flower Rovers 9. Westland no. two 0; Tom Grow (2), Toby Balai (2), Dave Skuratowicz (1), Brandon Turner (4) Tornadoes 1, Farmington no. six 6; Fred Cahill (1) Champs 2, Plymouth no. ten 8; Adam Morris (1), Mike Yakel (1)

Boys 12-and-under United 1, Farmington no. one 4; Dirk Nowka (1) Tornadoes 2, Livonia no. eight 2; Cam Ramsey (1), John Mynatt (1)

Boys 14-and-under

Hot Spurs 1, Farmington no. one 3; Kevin Berlin (1) Rowdies 1, Farmington no. two 8; John softball squad Robertson (1)

Arsenal 2, Livonia no. three 4; Jim Willoughby (1), Jeff Jamieson (1)

Boys 16-and-under Arsenal 2, Plymouth no. one 0; Kevin Swayne (2)

Girls 10-and-under Aztecs 0, Livonia no. three 3 Stars 4, Westland 0; Karen Stimson (1), Lisa DeAlexandris (1), Anne Griffith (1), Jenny Drian (1)

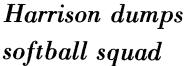
Girls 14-and-under (2), Kathy Levy (1)

Pairings set

Drawings were held last week for Class A state tournament baseball action later this month.

Northville drew a first-round bye and will meet the winner of the Southfield-Farmington contest in the pre-districts next week.

The game will take place on the Mustangs' diamond either May 19 or 20, depending on who wins the Southfield-Farmington clash.



Northville's hopes for a girls' softball title this season took a plunge last Wednesday when the Mustangs suffered a 15-4 loss at Farmington Harrison.

The Hawks blasted 16 hits against Northville pitching and sent Mary Minor's squad down to its worst defeat of the season, and only its second loss in the league.

The Mustangs are now 3-2 in league play and 5-3 overall while Harrison is 3-

Northville pitchers Dave Austin and Tim Doyle, meanwhile, combined for a five-hitter. Doyle took the loss, his second in four decisions, giving up four hits, one walk and striking out one in

the last four and two-thirds innings. The Mustangs are now 5-5 on the season, 2-3 in the Western Six, with a game this afternoon at Livonia Churchill. Friday they'll host Livonia Clarenceville, then have a possible make-up at South Lyon Saturday and a league game here on Monday against Walled Lake Western.

Their games against Redford Union on Saturday and Waterford Mott Monday were washed out, while Thursday's South Lyon contest was postponed because of a scheduling mix-up.

> 010 001 3-5 002 000 0-2



game in which he's scored.

6 win G League openers

The Dodgers, Cubs, Phillies, Giants, Pirates and Yankees were all winners last week as junior baseball's G League got off to a high-scoring start in Northville

The Dodgers, sparked by strong pitching and Dave Denhof's two-run homer, breezed past the Braves 10-1. Greg Ryba and Todd Hahn combined for a one-hitter for the winners.

John Norton and Rusty Parker, meanwhile, combined for a one-hitter

as the Cubs romped past the Mets, 17-2. Tom Ross led the Cubs' hitting attack with a homerun, a triple, a single and five RBI's while Doug Hansen added two hits.

The Phillies, sparked by Mike Wissman's 3-for-4 day at the plate, knocked off the Cardinals 14-7.

In other games the Giants crunched the Reds 9-1; the Pirates edged the Astros 6-2; and the Yankees stomped the Indians 9-1.

Jaycees tops again

more awards than "Annie Hall" wins Oscars

Continuing a trend that started last month at the regional awards, the Northville Jaycees captured 13 more awards last weekend at the state convention in Grand Rapids.

The local chapter was recognized as the outstanding chapter of the quarter

Northville Jaycees continue to win and received "Project of the Year" honors for public relations.

The Javcees also won four individual recruitment awards.

Paul Dochety was named one of the five outstanding "SPOKES" in the state. John Stilson was honored as the outstanding internal vice president and was the recipient of the coveted "Jim St. Louis Keyman" award.



Girls 12-and-under Stars 0, Plymouth no. two 3 Pink Panthers 1, Livonia no. five 1 Foxes 3, Livonia no. three 6; Lisa Cahill (2), Jane Moylan (1)

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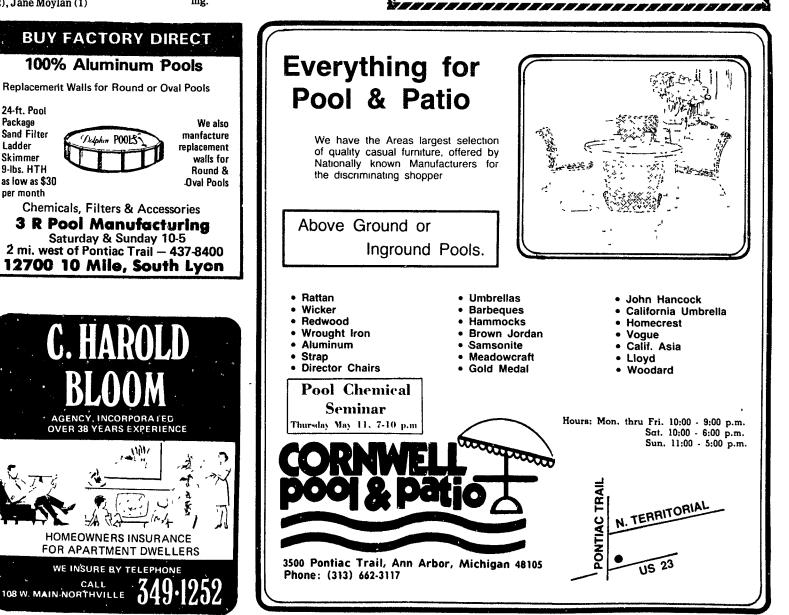
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local girls' next game takes place today when they host Livonia Churchill, the only other Western Six team to beat them this spring

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Recreation calendar

WEDNESDAY, MAY 10 Sandlot benefit baseball game between the Detroit Tigers and Cincinnati Reds at Tiger Stadium beginning at 8 p.m. Tickets are on sale at the recreation office, 215 W. Main, with all proceeds being used for the junior baseb: 'l program.

FRIDAY-SUNDAY, MAY 12-14

Northville early men's softball tournament at Thomson Field (see story elsewhere).

SA'TURDAY, MAY 13

Mickey Mantle baseball tryouts take place from 11 a.m. to 2 p.m. at the high school varsity diamond. Mickey Mantle baseball is open to youngsters aged 15 to 16. For further information call Jim Behen at 349-8709.

MONDAY, MAY 15

T-Ball season starts

MONDAY, MAY 22 Senior girls' softball season starts

Notes: Tickets for several popular American amusement parks are now on sale at the recreation department. The tickets are discounted up to 23 percent from regular gate prices and are good anytime during the current season. The amusement parks for which tickets are available include Cedar Point, Bob-Lo, Kings Island, Sea World, Old Chicago and Greater American.

Volunteers are still needed to chaperone a trip to the state's Special Olympics competition at Central Michigan University June 1-

349-0203.

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			Ply 6	22	1			
Boys 10 & under Div 3			Farm 4 Hawks	2	1	Boys 14 & under Div. B G-2		
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Liv 9	3	1	Liv 14	0	3	Liv 6	3 3	0
Liv 10	3	1	West 2	0	4	Nvl 2 United	2	0
Nvl 4 United	3	1				Farm 2 Cougars	1	2
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Monday, May 1: Canton 3, Northville 1 Wednesday: Harrison 5, Nor- thville 2 Boys track Thursday: Churchill 91, Nor- thville 67 Saturday: Northville 7th in Observerland Reiays with 13 points Girls track Tuesday: Bentley 90½, Nor- thville 45, St. Agatha 9½ Thursday: Churchill 87, Nor- thville 49	Farm 1 1 2 NvlStars 1 2 Farm 2 1 3 W. Bloomfield 0 4 TWELVE OAKS TIRE CÓ. 42990 Grand River Novi 348-9699 Used Tires from \$5.00 60	Liv 5 Express 1 1	Omura, par 36 Low net score — Larry Willis, 28	"Ivory Move". Call JOHN F. IVOR (Toll Free) 1-800-44 IVORY ICC ANN ARBOR, YPSI WORLD WI
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Sewer pollution of lake may trigger court battle

The Wayne County Board of Commissioners, acting at the request by the county health department, has directed its lawyers to "take whatever legal action is necessary" to prevent construction of the proposed Ypsilanti sewage treatment plant due to a pollution warn-

ing. The decision was made on the basis of treatment charges that the sewage treatment plant would pollute Belleville Lake and force the banning of swimming, fishing and water sports on the largest lake in Wayne County.

The board acted on an emergency basis at a May 4 meeting after being in formed that bonds to finance the plant's construction will be issued shortly.

Approved was a resolution introduced by Commissioners Thomas Presnell (D-Westland), R. William Joyner (D- Plymouth), Edgar L. Harris (D-Taylor) and Rose Mary C. Robinson (D-Detroit).

'Large amounts of flow from the plant will be dumped into Willow Creek, which empties into Belleville Lake, and pollute and probably close the lake for any public use," Presnell told the meeting.

Willow Creek empties into Belleville Lake within 1,000 feet of the Van Buren Township bathing beach, he pointed out.

The County Department of Health is responsible for checking water purity of lakes in the county and has the power to close them to water sports when pollution is above safe levels.

Chief Assistant Corporation Counsel George Cross said the seeking of a court injunction to block issuance of bonds for the plant was among the possible actions which his office would study.

Harris described Belleville Lake and the Huron River which flows through the lake as "two of the choicest recreational facilities for the people of this county and the surrounding area." He added:

"This past summer, Belleville Lake had to be closed to swimming, fishing and, in many instances, to boating. The bacteria showing up in the lake can come from only two sources - warmblooded animals or human sewage. There are no animal farms upstream from the lake, so it has to be human sewage.'

Commissioner Samuel A. Turner (D-

Detroit), a member of the executive committee of the Southeast Michigan Council of Governments (SEMCOG), also urged that Wayne County try to

block the Ypsilanti plant. 'We fought this in SEMCOG, trying to keep Ypsilanti and Ann Arbor from going it alone and building their own treatment plants. We tried to get them to join in the 'Supersewer."

Commissioner Conrad L. Mallett (D-Detroit), also a SEMCOG delegate, added, "We have been concerned about

this for over a year."

The board of commissioners directed the county corporation counsel's office to report at the next board meeting, probably May 18, on what steps are being taken.

Glenn J. Brown, health department director of environmental health, said his department feels that Ypsilanti should be required to discharge the treated sewage into Ford Lake in Washtenaw County rather than into Willow Creek.

Last EPA hearing slated tomorrow.

going on.'

stage."

The chairman of the Wayne County Board of Public Works is urging public attendance at a wastewater control meeting scheduled by the U.S. Environmental Protection Agency (EPA) for 7 p.m. tomorrow at Plymouth City Hall, 201 S. Main.

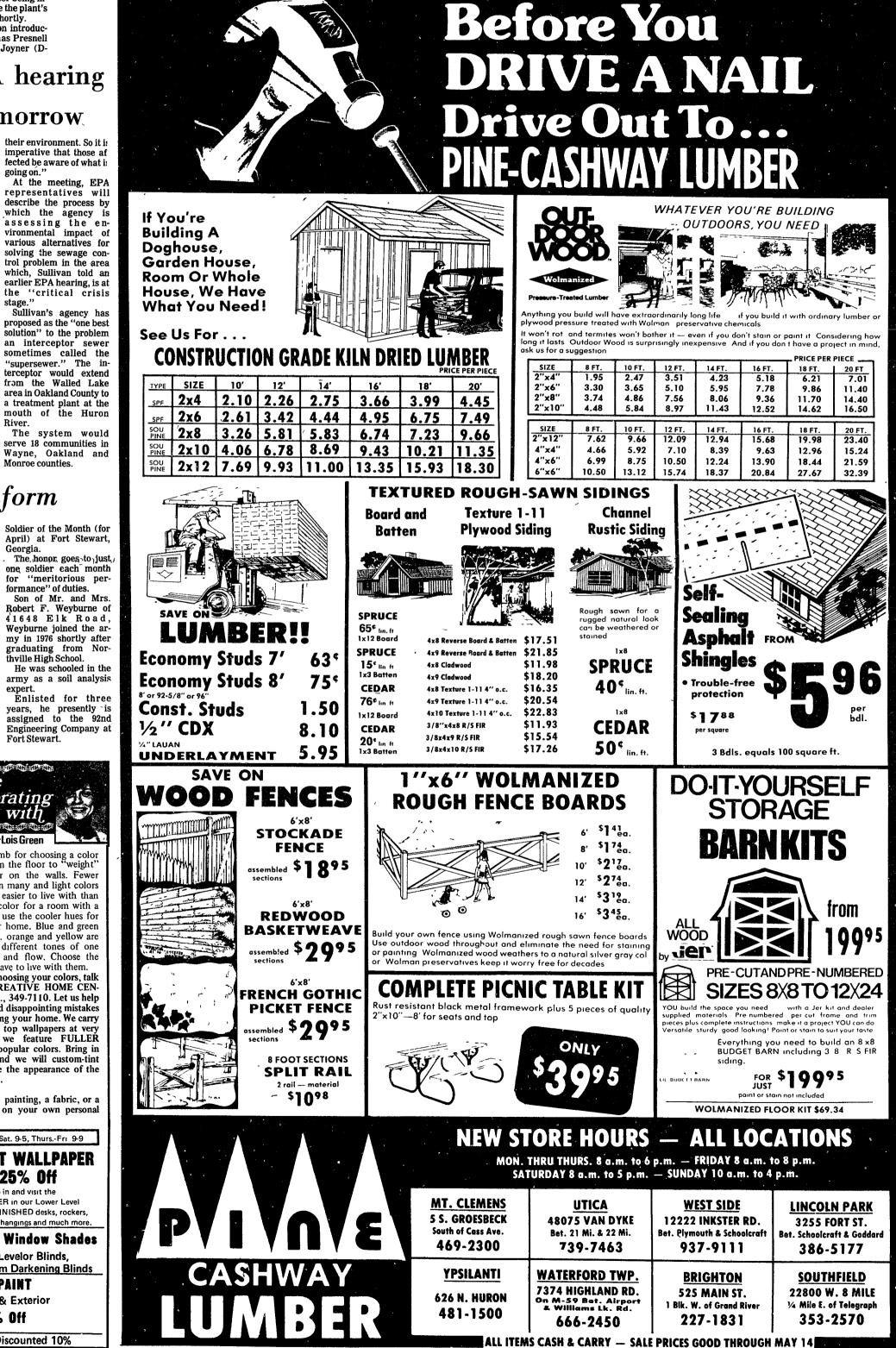
This is the last public participation meeting that the EPA will hold before the agency announces its tentative decision on how the wastewater control problem in the Huron River Valley will be handled," declared William Sullivan, the public works beard chairman.

Tens of thousands of taxpayers in western Wayne County and in parts of Oakland and Monroe counties have a River. vițal stake in the EPA decision. The decision will affect their water rates, their lifestyles and

Wevburne of Nor-

thville has been named

In Uniform





nis

DENNIS WEYBURNE

Specialist 4 Class Den- Soldier of the Month (for April) at Fort Stewart, Georgia. The honor goes to just,

one soldier each month "meritorious perfor formance" of duties. Son of Mr. and Mrs. Robert F. Weyburne of 41648 Elk Road, Weyburne joined the army in 1976 shortly after graduating from Northville High School.

He was schooled in the army as a soil analysis

expert. Enlisted for three years, he presently is assigned to the 92nd Engineering Company at Fort Stewart.

"supersewer." The in-terceptor would extend from the Walled Lake area in Oakland County to a treatment plant at the mouth of the Huron

The system would serve 18 communities in Wayne, Oakland and Monroe counties



A general rule of thumb for choosing a color scheme is to go dark on the floor to 'weight' your room and lighter on the walls. Fewer colors work better than many and light colors on large wall areas are easier to live with than dark. Choose a warm color for a room with a northern exposure and use the cooler hues for the sunny side of your home. Blue and green are cool and airy. Red. orange and yellow are warm and cozy. Try different tones of one color to create space and flow. Choose the colors you enjoy, you have to live with them.

If you need help in choosing your colors, talk to us at GREEN'S CREATIVE HOME CEN-TER, 107 N. Center St., 349-7110. Let us help you avoid the costly and disappointing mistakes so common in decorating your home. We carry a complete line of the top wallpapers at very good discounts and we feature FULLER O'BRIEN PAINTS in popular colors. Bring in a piece of material and we will custom-tint paint that will enhance the appearance of the other items in the room. **HELPFUL HINT:**

Select a color from a painting, a fabric, or a pillow to get started on your own personal decorating scheme.





Ed C. Welch **Ex-Northville councilman dies**

A memorial service was scheduled today (Wednesday) at 1 p.m. for Ed C. Welch - husband, father, community and church leader and a former public official here - who died Sunday at the age of 66 at St. Joseph Hospital in Ann Arbor

Today's service was to take place at the First Presbyterian Church of Northville, with the Reverend George Jerome officiating.

A Masonic service was held last night at the Casterline Funeral home.

Cremation was to be at Evergreen Cemetery of Detroit with remains to be placed in a niche in the columbarium of First Presbyterian Church.

Mr. Welch, who had a heart condition, lived at 222 South Wing Street. He moved to Northville with his wife, Sheila M., in 1944.

Mrs. Welch survives him as do three daughters, Mrs. Winifred Meredith of Grosse Pointe Woods, Mrs. Dorothy Bennink of Grand Haven, and Mrs. Mary Voisin of Farmington Hills; three sisters, Mrs. Dorothy Joyce of San Clemente, California, Mrs. Betty Thacker of Sunrise, Florida, and Mrs. Gladys Weiss of Northville; and eight grandchildren.

Born June 15, 1911 in Detroit, he was the son of Wilbur and Ella (Lucas) Welch.

Mr. Welch received his elementary education in Colorado, his secondary education in Detroit at Southeastern High School. He studied industrial engineering at Detroit Institute of Technology and later served as an instructor of evening classes at Detroit Tech.

Over the years he was employed with a number of different companies, among them as an industrial engineer for the Detroit Aluminum and Brass Company, as tool engineer for Kaiser Motors, as cost analyst for Ford Motor Company, as advertising consultant for Brown & Bigelow, and as sales manager for Braver Lumber Company. He was a retired owner of Filter Renew of Detroit.

In the early 1950's Mr. Welch was active in the movement to incorporate Northville as a city.

He served two years, from 1954 to 1956, on the last commission for the Village of Northville, and he was elected to serve on the commission that drew up the first city charter in 1956.

After having worked on the charter commission, Mr. Welch ran unsuccessfully for the first city council in November of 1956.

· But within two years he was elected to the city council, serving for four years.

As a village and later city official, Mr. Welch served in a number of different capacities - as drain commissioner, as a member of the Northville Board of Review, as vice-president of the Michigan Municipal League, as chairman of the Northville Beautification Commission and as a member of numerous other village commission and city council committees.

As the second chairman of the Beautification Commission, he guided Northville to a national award in the cleanest city competition.

Outside of governmental participation, Mr. Welch also devoted much of is time to civic endeavors. For exam-



ED C. WELCH

Scout committeeman and institutional representative for Boy Scout Troop 755, active in community recreational studies, and general chairman of the United Foundation campaign here.

In his church, he also served in numerous capacities, including being president of the local chapter of the National Council of Presbyterian Men, an elder, and frequent usher.

Mr. Welch was a long-time member of the local Masonic order and at the time of his death was serving as Worshipful Master of Northville Lodge No. 186 F&AM.

One of his most cherished associations was serving as an organizer, leader and participant in the Northville Golf League. He was secretary of this league, one of the oldest in the metropolitan Detroit area, for nearly 30 vears.

Welch Street in Northville's Village Green subdivision was named in his honor.

CHARLOTTE ROBINSON

Charlotte M. Robinson, 87, of 21060 Taft road, a resident of the community for more than 40 years, died at home

May 2 after an illness of two years. Funeral services were held Friday morning at Casterline Funeral Home Incorporated, with the Reverend Guenther C. Branstner of First United Methodist Church of Northville, where she was a member, officiating.

Interment was in Oakland Hills Memorial Gardens in Novi. 14.11

15, 1890, in London, Ontario, to James and Amelia (Cahill) Johnston. She was preceded in death by her husband, Frank, in 1965, and by a son, Robert.

Mrs. Robinson leaves seven children, Mrs. June E. Wilmet of Plymouth; Mrs. Clara Farmer, Fred and Richard, all of Northville; Mrs. Madeline Bidwell of Great Falls, Montana; Edward of Anderson, Indiana; and Mrs. Dorothy Irland of Walled Lake. There also are 10 grandchildren and three greatrandchildren.

CORNELIUS DUNCAN

Service for Cornelius M. Duncan, 92, of 41705 Onaway Drive, is being held at 1 p.m. today (Wednesday) at Casterline Funeral Home, Incorporated, with

Interment is to be in Holy Sepulchre Road died May 1 at Veteran's Hospital Cemetery.

An area resident for a year and a half, Mr. Duncan had retired from Kelsey Hayes Corporation of Detroit in 1952. He was born February 4, 1886, in Edinburgh, Scotland, to John L. and Margaret (McMillan) Duncan. He was preceded in death by his wife, Loretta Truckey.

He leaves a daughter, Mrs. Leone Murray of Novi; grandsons, James Duncan Murray of Howell, William Joseph Murray of Detroit, David Michael Murray of Farmington Hills; and seven great-grandchildren.

WILLIAM BAGGOTT

The funeral for William Baggott of Salem Township was held May 5 at Schrader Funeral Home in Plymouth with the Reverend Father Robert S. Shank, Jr. of St. John's Episcopal Church officiating. Interment was at Riverside Cemetery, Plymouth. Mr. Baggott, 67, of 7720 West Six Mile

ALL CHANNEL MASTER

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DEEP FRINGE

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DON-LORS

33666 Five Mile Rd.

Harry J. Zarish, 52, of 46450 11 Mile in Novi died unexpectedly Monday at St. Joseph's Mercy Hospital in Ann Arbor. He was born in Novi in 1925 and is survived by his wife, Phyllis, and three daughters, Candice, Dr. Debra Zarish and Susan.

HARRY J. ZARISH

in Ann Arbor. He was a brick mason

and had come to the Plymouth-

Northville community from Detroit in

1952. He was a member of Plymouth

Elks BPOE 1780 and VFW Post 2502 in

He was born August 27, 1910 in New

Castle on Tyne, in England. His wife,

the former Eleanor Reed, survives

South Lyon.

him.

children.

For time of service call Casterline Funeral Home, Incorporated.

SAVE

List \$159.95

\$<u>50</u>00

95

The grand prize in the May 20 Bike-athon at Maybury State Park is going to be a 10-speed bicycle.

You expected, maybe, a 10-speed stroller?

The bike is one of several that will be given to the top fund raiser at each of seven routes in the American Diabetes Association sponsored event. Karen Dunnabeck said the Maybury

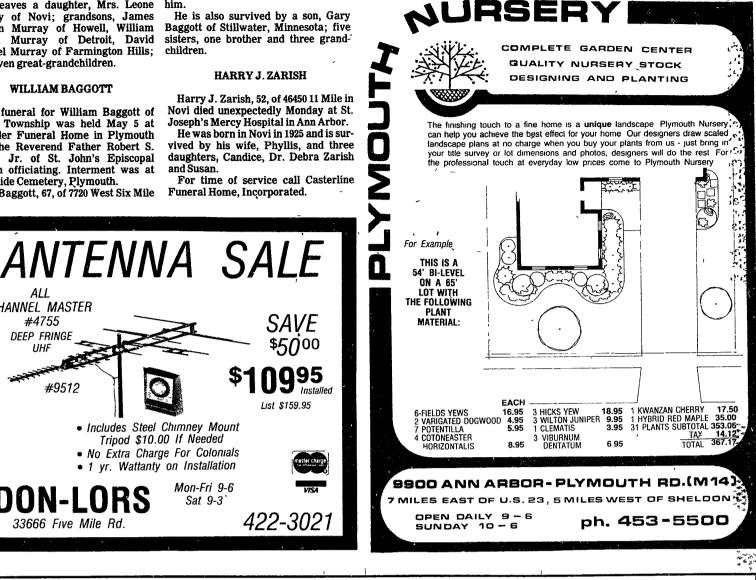
participants would also have a shot at several local prizes.

Included among these are a pair of

sunglasses donated by Northville Vision Clinic, a \$20 gift certificate to be used at any Northville store from the Northville Record, and four halfgallons of ice cream from Guernsey Farms Dairy.

The Maybury bike route is 3½ miles long, but bikers can complete the loop as often as they like between 9 a.m. and 4 p.m.

Sponsor sheets can be obtained at schools, many local stores or by calling 349-3732 مران



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Bike will be top prize

ple, he was an officer in the Northville Ashlar Lodge No. 91, F&AM, of Detroit Community Development group, long time member and the president of the Northville Coordinating Council, Boy joined 64 years ago.

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conducting the service. Mr. Duncan was a life member of the lodge which he and summer. Here's how it works. We'll average your yearly bill, then divide it into 12 equal payments. Once a year your account will be balanced for over or under payment.

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Wednesday, May 10, 1978-THE NORTHVILLE RECORD-7-B

Joggers

If you want to insure inclement weather, just wash your car, schedule a picnic or plan a Fun Run. It was cold and threatening for the second straight time, but the Silver Springs Elementary joggingwalking event was still a huge success. Led by the high ischool girls track team and a participant in the 1978 Boston Marathon, more than 400 peothe took a couple of laps around the one-mile route through Highland Lakes Saturday morning. Organizers pore serious joggers than the first event last fall, but par-Icipants came in all shapes, zes, ages, sexes and condiions. Prizes, which ranged rom tennis shoes to t-shirts to the balloons passed out by Movement Ed facilitator Tom allas, were awarded strictly y luck. Another Fun Run is planned for Saturday, May 20 at Winchester Elementary. The events try to promote jogging as a way to run toward good health.







LISTEN CAREFULLY, AS ONE GREAT TRIO INTRODUCES ANOTHER.

Meet a trio called J.A.M. Three engaging young musicians who keep the beat going in the New Detroit . . . after dark. Native Detroiters all, and new Manufacturers checking customers. Let them tell you why.

MANUFACTURERS NEW THRIFT CHECKING. DAVID STOLL I chose Manufacturers Thrift Checking because it's exactly what it says it is: The

thriftiest way for me to check. I pay \$2.50 for 20 checks and that's that. No service charges, no additional fees if my balance stays above \$50, no nothing. I like to keep my finances just like my drumming: Simple and clean. Manufacturers Thrift Checking does it for me.

NEW PREFERRED CHECKING. JIM DAMBERG If you'll excuse the pun, this guitar player picks Preferred Checking. I don't think

there's a better banking deal anywhere. My money grows at the highest bank rate possible, and there's no service charge with my checking. You see, unlike my esteemed colleagues here, I've been able to accumulate a few dollars in my lifetime, so I was able to deposit \$500 in a daily interest savings account. And once I did that I qualified for checking that lets me write as many checks as I want without a service charge. And what with managing this group, I write a lot of 'em.

NEW TOTALBANK. MIKE BELITSOS Well, what would you expect? These guys say I can hardly keep track of the beat, so it figures I couldn't keep track of checking charges and things like that. So, naturally I opted for Manufacturers new Totalbank. For a flat \$2.50 a month, I get unlimited checking, a line of credit,

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'Best evidence' encourages police after latest arson

evidence we have ever had" following the tenth arson in less than a year in the township's northeast side.

A newly-completed home at the end of Pierson Road - a rutted, private dirt road that runs north off Seven Mile just east of the state mental hospital - was soaked with lacquer thinner and torched early Tuesday (May 2) night. A neighbor spotted smoke shortly before 8:30 p.m.

Patrick Coyne of Dearborn spent

Township police have "the best more than two years building the house and recently moved in several objects including boxes of furniture, rolled carpets and appliances.

No damage estimate has been made, but the walls and ceilings in several rooms are scorched and blistered and plastic-based cupboards showed signs of melting.

"He's got to start all over again," said Northville Township Fire Chief Robert Toms.

The home, like nine other fires

classified as arsons since last June 25. is located in an area not much larger than a square mile bounded by Seven Mile and Eight Mile on the south and north, by Highland Lakes subdivision on the east and by the C&O railroad

tracks on the west The targets have included a deserted lumberyard, a cider mill, two vacant homes, a barn, several mobile homes, a construction truck, a car, and a sailboat.

There have been no injuries but the damage to the Parmenter Cider Mill, which burned during the early morning hours of December 3, was estimated at \$100.000.

Police believe that many, but not necessarily all, of the fires were started by the same person. Until this latest

blaze, the first arson since February 2, solid leads were few and far between. "The problem with the other fires is

that they were gone before we got there," said Township Police investigator Phil Presnell.

Although the heat in the home was intense, "the fire never got more than a couple feet off the floor" in most places, said Assistant Fire Chief Donald Riffenburg.

The fire was partially contained because all of the windows were closed, thereby limiting the amount of oxygen feeding the blaze.

"If he (the arsonist) had broken a window before he went out, it would have been an inferno," said Riffenburg. The lacquer thinner was spread through two rooms and sprayed up and down stairs leading to the attic and kitchen. But because the substance evaporates quickly, much of it - including a puddle on the second floor did not burn.

Even so, flames were climbing the kitchen walls and "in 15 or 20 minutes" would have reached the attic, said Riffenburg.

"Then you would have had the biggest bonfire in this neighborhood," said Toms.

As it was, township police who were on the scene until past midnight were able to recover several pieces of evidence which are being processed in a Lansing crime lab.

Presnell said the Pierson Drive fire is not necessarily linked to any of the previous arsons.

He has asked that anyone who saw people in or near the house on Tuesday call him at 459-1700. Persons whose information leads to arrest and conviction of an arsonist are eligible for a reward through the Secret Witness Program sponsored by the township, city and Chamber of Commerce.

Presnell is also looking for the identity of the person or people who started two smaller fires later that night.

Trash in a large dumpster behind Little Caesar's restaurant and debris in a ditch at nearby Seven Mile and Northville roads were set ablaze around midnight.

It is not known if these fires, which caused no damage, are related to the home fire discovered four hours earlier, said Presnell.

Rejection, sex fuel pyromaniacs

The arsonist who has plagued Northville Township for nearly a year is most likely the type of person who stands out in a crowd.

"They are not like a burglar who might look as normal as a bank vice president," says Raymond Brotebeck, one of three Michigan State Police arson investigators in the metropolitan area.

"They have a strange look. A pyromaniac is usually a real weird character.'

Brotebeck, who works out of the New Baltimore post, says arsonists who burn for no motive other than the thrill of the fire often have physical defects, sexual hangups or "something that makes them feel rejected."

Time flies; watches, too

Northville City police are back to square one in their attempt to catch the thieves who walked out of a Northville drug store with a display case full of wristwatches last week.

"We're at a dead end," said Detec-tive Sergeant Alan Cox. "The two suspects we had didn't pan out. They had alibis and we verified them. They weren't even in the area.

"Now we're starting over."

The search concentrates on the getaway car - an early 1970 dark blue over light blue Chevrolet.

Witnesses said a young man got inte that car after picking up the small display case from the front counter of Northville Pharmacy, 134 East Main.

Police said the man was one of three young white men in their early 20's who entered the store at about 5 p.m. Thurs-

After looking at items in three different areas of the store, the three walked out.

Five minutes later, one returned, picked up the display case located less than 10 feet from the front door and hurried outside where a car was waiting to take him away.

The display case contained between eight and ten Timex electronic watches valued at between \$320 and \$400.

"A lot of times they are crippled or badly deformed and this is their way to get even."

"Even though the public doesn't know he burned it, he gets the recognition" through the firefighters response and news accounts.

Northville Township has had at least 10 fires in the last 11 months which have been classified as arsons. Township police believe that some, but not necessarily all, are the work of the same person.

Other than geographical location, there appears to be no common bond among the targets which have ranged from a trash container and car to abandoned houses and a large cider mill.

'You could very well have a pyro there." said Brotebeck. "A pyromaniac likes the thrill of seeing something burn - any kind of fire, even a can of gar-

bage. "A lot of times it's a sexual thing. They get sexual satisfaction out of watching things burn."

Most sex-based arsons involve men who can't relate with the opposite sex, says Brotebeck. But that's not always the case.

"One guy took his girl out and had sexual relations" while the fire he set nearby was still blazing, says Brotebeck. "Apparently, that made him more potent.'

This red-hot lover had something in common with most pyromaniacs. They usually like to stay around and watch their handiwork.

"When a crowd develops, they become part of that crowd," says Brotebeck. This trait gives law en-forcers their best shot at catching the arsonist.

"If he sticks around long enough, he's more likely to get caught," explains Brotebeck. "Even though the firemen are busy, they are going to see him if he shows up in several area."

Most arsonists are men, he adds, and many are heavy drinkers. Often, they set fires after a bout with the bottle

'gets their courage up." Most of the Northville Township fires have been started in the early morning hours, shortly after bars close.

Although the township arsonist may very well be a pyromaniac, there are several other motives behind purposely set fires.





Sliger Home Newspapers

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Wednesday, May 10, 1978

Want ads/Features

remove public drunkenness from the

criminal justice system and place it in

"The intent to decriminalize public

intoxification is a desirable thing," commented Karla. "The law has a

great deal of potential for the identifica-

tion and referral of individuals with

the health delivery system.

problems of alcoholism.

Decriminalization draws praise, criticism

Public drunks belly up to bar of justice

By PHIL JEROME

There were literally thousands of arrests on "drunk in public" charges in Michigan last year.

This year there haven't been any. And there won't be any either.

The dramatic decline in the number "drunk in public" arrests has nothing to do with a sudden state-wide resolution to abstinence. People are drinking as much - and getting as drunk - as they ever were.

The reason for the demise of "drunk in public" arrests is directly at-tributable to a new law which, in effect, removes public drunkenness from the criminal code. In other words, it is no longer against the law to be drunk in a public place.

In an enlightened action, the State Legislature amended Public Act 339 (Substance Abuse Assistance Act) and Public Act 340 (Disorderly Persons Act) of 1974 during the fall 1977 legislative session.

Basically, the amendments decriminalized public intoxication and provided emergency medical-service for those persons who are publicly incapacitated by alcohol.

Through these two statutes Michigan took its place with 25 other states in recognizing that incapacitation from alcohol is essentially a public health rather than a criminal problem. The new law took effect January 15. So, three months later, how well is the

new legislation working?

As might be expected, it depends on who you ask.

Harold Old of the state Office of Substance Abuse Services maintains that the new law has been implemented reasonably well." He admits that there are "a few problems" which still need to be ironed out, but that there have been fewer problems than some people anticipated

Similar sentiments are expressed by Tracey Salisbury of the Office of Sustance Abuse Services in Wayne County

But that opinion of the act's success is not shared by everyone.

Representatives of the law enforcement and health care service communities, the two groups which must carry out the dictates of the new law. are not at all pleased with the legislation.

There have been numerous skirmishes between law enforcement and health care officials as each party attempts to live up to what it perceives its responsibility under the law.

A local judge said the new law "is a marvelous concept, but functionally it's not doing that well."

The magistrate suggested that the amended law "may rank with prohibition as an extremely noble experiment in dealing with the problems of alcohol. So far, he added, the new legislation

has been "an unhappy failure.

his or her own health and safety or is endangering the health and safety of the public.

Previously, the local law enforcement official could arrest such an individual under the "drunk in public" statute and haul him or her in to "sleep it off" overnight in the local lock-up.

Such a procedure had its advantages to the local police officer. The "drunk in public" law provided the policeman with a quick, easy way to get the "drunk" out of the way before he or she passed out in the local bar or staggered out in the street in the path of an oncoming vehicle.

The new law makes the handling of the local drunk who isn't bothering anybody substantially more involved.

The law prescubes that the "incapacitated drunk" shall be taken into protective custody and shall be taken to an approved service program (treatment facility), an emergency medical service (a hospital emergency room), or a transfer facility (a jail or lock-up designated by the Office of Substance Abuse Service). The law states that the incapacitated individual may not be locked up with individuals charged with criminal offenses. Thus, the local jail is eliminated as a "transfer facility."

Further, the new law also imposes a whole new set of legal responsibilities on medical service personnel.

Not only are hospitals now receiving individuals who were previously locked up in local jails, they are now required by law to examine the individual as oon as possible.

Needless to say, the legal responsibilities of both the police officer and the medical service provider have been increased substantially.

Police are upset because it is no longer sufficient to get the in-capacitated drunk out of the way. They are required by law to make certain that the individual is taken to a location where he or she can receive treatment.

Often this requires the police officer to leave his jurisdictional territory to take the incapacitated person to a hospital in another community. This creates problems in small towns where often there is just one patrol unit on duty during early morning hours.

Doctors, by the same token, object to their added responsibilities. In essence, they dislike having their emergency room cluttered with "drunks" while they are also attempting to deal effectively with true life-saving emergencies.

One doctor commented that hospitals just don't see their emergency rooms as a holding room for drunks. They don't want to provide beds for drunks to sleep it off when they are attempting to deal effectively with much more serious cases.

As a result, the police officer and the emergency room attendant are often at odds with each other. The policeman he is attempting to d

an immediate and substantial danger to with incapacitated persons. And the which permits an incapacitated person hospitals believe they should be dealing with medical emergencies instead of taking care of drunks.

Karla reported that many of the problems are created by varying interpretations of just exactly what the law says.

Perhaps the biggest problem is the definition of "incapacitated," he says. The policeman says that anyone drunk enough to stumble out into the street represents an "immediate and substantial danger" to his or her own health and safety. As far as the hospitals are concerned, that person does not represent a true medical emergency and should not be brought to the emergency room.

Related to the problem with definition of "incapacitated" is the case of the individual who is unconscious when taken into protective custody by the police, but who regains consciousness while being transported to the hospital.

Is that person legally "in-capacitated?" The policeman says yes, the doctors say no.

Another major problem experienced by the hospitals involves the individual who refuses treatment. "The hospitals want to know if they have a legal responsibility to treat that person against his will," reported Karla. "Unfortunately, the law is silent on this point."

Yet another problem is created by the 'drunk" who becomes beligerent or combative. The problem is particularly acute when the "drunk" has to be transported from one jurisdiction to another community.

Karla stated that it is a sticky legal question. For example, can police from Novi or South Lyon use force to restrain a combative individual at Botsford Hospital in Farmington Hills?

Karla reported that there are other constitutional problems with the act.

For example, the law gives the of-ficer the right to "pat down" an incapacitated person to check for dangerous weapons. But does a law enforcement officer have the right to "pat down" an individual who is in protective custody, but not under arrest Or. Does the provision of the law to be detained in protective custody until no longer incapacitated or for not longer than 72 hours represent a violation of constitutional rights? The Prosecuting Attorneys Association of Michigan (PAAM) suggests that legal problems my be involved with this provision.

The general consensus seems to be that Public Act 339 is a piece of enlightened legislation which needs a

great deal of refinement. Although there may be some



On The Shelf

What do you do with the "treasures" you've sav-

For the past fifty years or so? Those books and letters and old "antiques" And those snap-shots and albums, too?

Who will preserve that old armchair You've known since time began-And what of the picture with gilded frame Of Aunt Mary who looked like Queen Anne?

Those clippings and scrapbooks up there on the shelf.

By a "painting in oil" that you did, near a campaign hat of World War One And a mess-kit without any lid.

Sooner or later you'll get at them once more And recall their meanings, back then,

As you carefully place them back on the shelf And dream of it all once again.

Charles E. Hutton

disagreement, both law enforcement truly useful piece of legislation," he adand health care officials generally ded. believe that it makes good sense to

Karla stated that the Attorney General's Office must act to answer the legal questions of interpretation.

'A situation has been created where police and health care providers are required to act, but without specific guidelines on many of the key issues.

"If we could get some definitive answers to those questions," added Karla, "perhaps we could get on with "But there are legal issues which the business of treating people with promust be defined before it can become a blems of alcoholism.

Tomorrow

Each day turned in; each day tunes out... and my senses turn toward my awareness of existence all around me. each day cherished, experienced and shared with things around me makes me find that tomorrow's treasure is having today lived well

Pat Kotlarczyk

Time

Run your petty races and curse the rats and climb those shaky ladders till you crack the shay slats and reach again beyond your grasp for that which cannot last and move life's monument an inch till all of movement's past,

> While I refuse to waste a glance to mark your rise and fall for I eternally am TIME and I will have it all.

Martin Kaszubowski

Diamond Dozens

Rain diamonds are cheap And long-lasting seen, Moved by the wind's whim On the jeweller's screen.

F. A. Hasenau



The problem with the new legislation ded responsibilities on both police and health care deliverers.

It must be understood that the legislation refers only to public drunkenness. The individual who appears to be intoxmanner may still be arrested as a "disorderly person." The individual who is driving under

the influence of alcohol may still be arrested on charges of "drunk driving."

The law relates only to a person who is "incapacitated," i.e. a person who, as a result of the use of alcohol, is unconscious or has his or her functioning so impaired that he or she either poses

in its most basic form is that it poses ad- those things which are legally required of him, while the attendant maintains that the officer has been too diligent in the performance of his duties and that the "drunk" should not have been brought to the hospital in the first place icated and is behaving in a disorderly since he or she does not pose an "immediate and substantial danger" to his or her own health and safety.

Ted Karla, assistant director of the Oakland County Office of Substance Abuse Services, says that the problems with the new law involve the way in which both factions (law enforcement and health care) have interpreted it.

"I can empathize with both sides."

mammal study

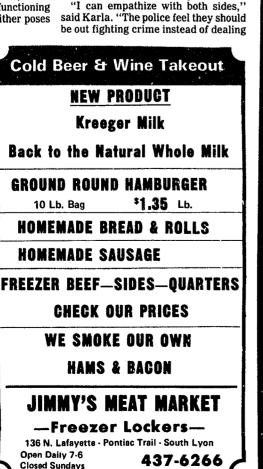
Park features

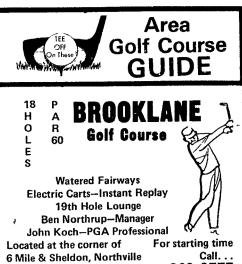
Learn about the "Mammals of Kensington" during a special program to conducted at the be Nature Center of Kensington Metropark near New Hudson on Sunday, May 21 at 9 a.m

Using slides, skins, skeletons and a walk along the trails, naturalist Dave Moilanen will explore interesting adaptations and life histories of the mammals commonly found in Kensington.

Advance registration is required for this two-hour program. Vehicle entry permits (Annual regular - \$5 or senior citizen - \$1; or Daily -\$1) are required.

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and work through both grass cutting and leaf clean-up

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Sam Moore, Manager

Butch VanBeversluys, Pro

9 Hole Par 35

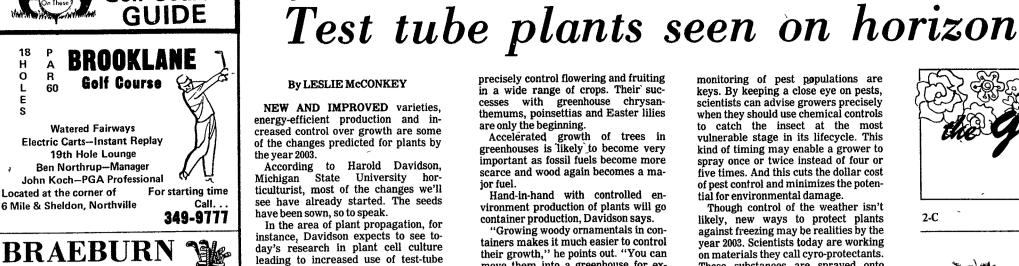
Tom Ross, Pro

fertilizer

seasons

-FMC

Future of propagation



453-1900

Bob Gyslink, Asst. Pro

Ann Arbor Tra

ticulturist, most of the changes we'll see have already started. The seeds have been sown, so to speak. In the area of plant propagation, for instance, Davidson expects to see today's research in plant cell culture leading to increased use of test-tube

propagation of new plants. Cell culture is the production of whole plants from single cells. Orchids are now beig produced by this method, and by the year 2003, Davidson expects to see a great many species produced in test tubes under controlled environments.

By LESLIE McCONKEY

Cell culture also offers possibilities in improving and creating new varieties, he notes. Radiation and chemicals can be used on the developing cultures to cause mutations that differ from the plant that provided the initial cell.

"Many landscape plants are now pro-pagated by budding and grafting," Davidson says. "Except for fruit trees, most woody plants should be growing on their own roots by the year 2003."

Scientists are now finding new ways of rooting cuttings of apple, red maple and other trees and shrubs that will probably become the standard methods over the next few years. Rooted cuttings usually produce more vigorous plants. Grafting and budding often fail because of incompatibility between the joined tissues.

One area in which budding and grafting will become more rather than less important is fruit tree production. Davidson predicts that the use of standard varieties grafted onto dwarfing rootstocks will become increasingly common. Commercial orchardists can get more dwarf trees per acre, he explains. This makes mechanical harvesting, pest control and irrigation more efficient.

Efficiency in all sorts of plant growing operations will become increasingly more critical as energy supplies dwindle. Davidson predicts that trickle irrigation will become the standard method of applying water to plants. Because it puts the water directly into the plants' root zones, it minimizes losses due to evaporation.

Trickle irrigation also leaves foliage dry, and this can be important in minimizing disease problems and maximizing effectiveness of insecticides, fungicides and other substances applied to plant foliage. Trickle irrigation systems can also be used to apply soluble fertilizers directly into root zones resulting in efficient use of valuable resources.

Increased control of plant growth through manipulation of the growing environment is another trend that Davidson predicts will continue. Controlling the light and temperature to which plants are exposed and using growth-regulating chemicals will make it possible for plant producers to grow trees and other plants in less time and

precisely control flowering and fruiting in a wide range of crops. Their' successes with greenhouse chrysanthemums, poinsettias and Easter lilies are only the beginning. Accelerated growth of trees in

greenhouses is likely to become very important as fossil fuels become more scarce and wood again becomes a major fuel.

Hand-in-hand with controlled environment production of plants will go container production, Davidson says.

'Growing woody ornamentals in containers makes it much easier to control their growth," he points out. "You can move them into a greenhouse for exposure to certain light levels and temperatures, and you can control the soil, nutrition and irrigation of the plant with ease.

production also "Container eliminates the need for digging and packaging plants, which is very costly. and it extends the planting season to any part of the year when the ground isn't frozen."

It also makes landscape plants as mobile as the apartment dweller or mobile home resident, he adds. In fact, mobile landscaping for mobile homes is already common in California. There the owners of mobile home parks plant the large trees, but the homeowners are responsible for landscaping their own lots. Using plants in containers makes it possible for them to take their landscaping with them or change it with a minimum of effort.

Though plant breeders are continually working to develop new plant varieties with resistance to diseases and insects, resistance is only half the battle. Pest control is the other half, and the years to come will probably see a major movement toward integrated pest management systems, Davidson

Increased use of biological and cultural pest control and improved monitoring of pest populations are keys. By keeping a close eye on pests, scientists can advise growers precisely when they should use chemical controls to catch the insect at the most vulnerable stage in its lifecycle. This kind of timing may enable a grower to spray once or twice instead of four or five times. And this cuts the dollar cost of pest control and minimizes the potential for environmental damage.

Though control of the weather isn't likely, new ways to protect plants against freezing may be realities by the year 2003. Scientists today are working on materials they call cyro-protectants. These substances are sprayed onto frost-sensitive plants and are absorbed into plant tissues. They protect the plant against cold injury by actually lowering the freezing point of plant tissues

Protecting plants against early spring and late fall frosts could significantly increase the length of the growing season in areas like Michigan and, with it, the potential productivity of coldsensitive crops.

Today's community gardens may be the forerunner of tomorrow's large urban gardens, Davidson says. He predicts that cities will make areas available for gardening by urban residents without land of their own. This would be much more practical for apartment dwellers, 'for instance, then widespread container gardening, because container gardening tends to be quite expensive and offers limited opportunity for food production.

One science-fiction solution to world food shortages is hydroponics soilless gardening in chemical solutions. Davidson says he does not expect to see a big surge in hydroponics, however, because both dollar and energy costs are high. And in tomorrow's plant world,

energy efficiency will count for a great deal, he concludes.



Wednesday, May 10, 1978



FRAGRANT NICOTIANA

Nicotiana blooms last for weeks

Plant breeders are looking for garden flowers that will stay in bloom for several weeks despite summer heat and humidity.

They have a good prospect in the new dwarf, day-blooming, fragrant nicotiana. (Pronounced nikkosheanna.) The old style tall flowering tobacco waş

treasured for its evening fragrance but it didn't have a great deal else to offer. Tall spikes of flowers remained closed until dusk and the colors were rather muddy. The spindly spikes could be wrecked by wind and

rain. The new-style dwarf nicotianas grow to a height of only 15 to 18 inches, branch at the base to form multiple flower spikes, and are day blooming. You'll love their delectable fragrance, which is noticeable from several feet away on calm, humid days. If there are hummingbirds anywhere in your neighborhood, they'll be visiting your

nicotiana daily. So many of the tubular. starpointed blossoms are borne on each plant that the breeders have had to select for a "selfcleaning" habit. Spent blossoms of the new varieties are shaken off by the gentlest breeze.*

Rain or shine, the color impact of nicotianas, is extraordinary; weather that fades, beats down, or blemishes other summer flowers doesn't faze the

Why do needles brown?

Michigan State University Extension specialists answer timely questions on houseplants, vegetable gardening, landscape plants, flowering bulbs and related topics.

Q. The needles on some of my evergreens are all dried out and brown at the tips. Some of the stem tips seem quite dead. What's the trouble?

A-If-the plants are near roads or sidewalks that were deiced with salt during the winter, or in an area where salty snow was piled or saltwater seeped into the soil or splashed onto the foliage, you may suspect salt damage. Salt spray damage tends to occur on on-ly one side of the plant. If excess salt in the soil is the problem, nearby turf areas and other plants may show damage, too.

There's not much you can do for the brown foliage or dead tips except to prune them out after growth resumes in the spring. You can prevent further

damage from saltwater run-off by watering heavily to leach the excess salt out of the plants' root zones.

Q. What do I do with my potted azalea after it has finished flowering?

A. Keep it in a sunny-place and water whenever the soil feels warm and dry rather than cool and moist. Fertilize every two weeks through the summer with a liquid houseplant fertilizer. Add 1/4 teaspoon ferrous sulfate once a month to keep the soil acid and to prevent iron deficiency. Pinch new shoots off whenever they have developed two or three vigorous leaves. Do this through June 15 to keep your plant bushy and compact.

After the danger of frost is past around June 1 -place the plant out-doors in a shaded spot. Continue to water and fertilize it regularly. Bring the plant indoors around September 1, place it in a shaded cool spot — about 50



degrees F, if possible. Water as before but decrease fertilization to once a

month. The plant should produce flower buds by February. It can then be forced into flower. Place it where it will get plenty of light and temperatures between 65 and 75 degrees F.

Q. Should I remove the flowers from newly purchased tomato transplant? A. It's a good idea. Your plants will be stronger and produce better if they have a few weeks in the garden to grow roots and foliage before they start channeling their energies into flowers and fruits

Q. My yard isn't very sunny but I'd like to grow some vegetables. What's best to plant in areas that don't get much sun?

A. Leafy vegetables — lettuce, spinach, endive, chard, kale, mustard greens, etc. - and vegetables grown for their roots - beets, carrots, radishes, turnips, etc. - do better in partial shade than plants grown for their fruits - tomatoes, peppers eggplant, beans, corn, squash, etc.

Flea beetle's SAND-GRAVEL Top Soil Pea Stone



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garden. Tomato, pepper and eggplant transplants, new potato sprouts, and radishes and turnips are favorite foods of the flea beetle, says Jim Liebherr, Michigan State University Extension entomologist. The insects may also

Plant leaves peppered

with little holes are usual-

ly the first sign that flea

beetles are active in your

garden menace attack cole crops, sweet corn, sweet potatoes and spinach. Because the beetles are so small and

can hop off leaves quickly, gardeners usually miss the beetles and spot the damage first. Sevin (carbaryl) is a

readily available garden insecticide that will control flea beetles, Liebherr notes. Be sure to read the product label,



The world's largest tomato was harvested in August, 1976 by Clarence Dailey of Wisconsin. He used natural fertilizer and lots of compost, and aerated the roots frequently with a pitch fork. The tomato weighed 6 pounds 8 ounces, and measured eight inches across

Q. I planted some tulips and other spring bulbs last fall but nothing came up this year. Do you think the bulbs were bad?

A. The two major causes of failure with flowering bulbs are poor planting site and planting too late. Bulbs planted in a low lying, poorly drained site tend to rot, as do bulbs planted too late in the fall. Unsound bulbs are the least common reason for bulb failure.

Q. Why are you supposed to stay out of the garden when it's wet?

A. Wet soil, especially wet clay soil, sticks to tools and feet. It also becomes compacted easily - crushed together so that air is driven out of it. Wet plant foliage is especially susceptible to attack by the organisms that cause plant diseases. You can easily spread diseases from one plant to another by brushing against them when they're wet.

new nicotianas. Dwarf nicotianas bloom early and continue blooming all summer long except in the Deep South where a second planting is usually made in late July or early August.

The dwarf nicotianas are so new that started plants are not yet generally available. All seed catalogs list them, and packets can be found

in some seed displays. Despite its tiny seeds, nicotiana is easy to grow from seed sown in warm soil in the garden. Make a short "nursery row.

Continued on Next Page

DID YOU KNOW!! "That GRASS can grow 6" in the time it takes



Give Mother Blooming Plants

to enhance her home or garden

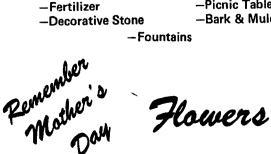
Flats of Flowers Geraniums Potted Roses-Ready to bloom Miniature Rose Bushes Potted Plants & Combinations Redwood Tubs & Planters We'll be glad to pot them with whatever plants you choose

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Wednesday, May 10, 1978-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-3 C.

Business Briefs



MIKE'S COUNTRY MARKET is the name of the new business that has opened in the Brighton area. The new store located on the cor-ner of Spencer and old U.S. 23 supplies fresh fruits, vegetables, delicatessen lunch meats, cheeses, pizza and convenience foods.

In the future the owners, Mike and Candice Catanzarite, plan to also stock beer and wines.

The market will be open seven days a week, from 7 a.m. to 7 p.m. weekdays and 10 a.m. to 6 p.m. on Sundays.

The Catanzarites have two children, Michael, 5, and Melissa, 2.

PONTIAC STATE BANK PRESIDENT Edward E. Barker, Jr., announced plans to spend over \$1 million this year for a complete system of new electronic teller terminals as well as new automated teller machines.

Barker made the announcement at a shareholders meeting in the Pontiac Silverdome recently. In a departure from its usual annual meeting, Pontiac State Bank (PSB) treated shareholders to a luncheon and had a record attendance of 176 shareholders in attendance.

Barker said the \$1 million system will give the bank the latest équipment available to provide faster more complete customer service in both the lobbies and at twelve 24-hour teller locations. Displays were available which allowed stockholders to receive a demonstration of this type of equipment.

During the course of the meeting, shareholders ratified the creation of an employee stock ownership plan which gives PSB employees bank stock equal to as much as 21/2 percent of their annual compensar tion. Shareholders also approved the sale of more than \$7 million in e subordinante capital notes.

Barker announced that the bank has passed the \$400 million asset ⁺ mark during the first quarter to stand at \$408.887 million as of March 31, 1978, up 12 percent from a year ago. Income before income taxes and security transactions was up 16.5 percent; however, after tax earnings both before and after security transactions increased about eight percent up to \$826,000 or 95 cents per share.

Bank officials called the meeting a great success and said shareholders reaction to this type of annual meeting as overwhelm-🤋 ingly favorable. 🗳 🗤

BRUCE ROY Realty, Inc. in downtown thville is announcing the addition of Karen Strong to its staff of real estate sales personnel.

Mrs. Strong received her bachelor of arts degree from Michigan State University in 1961. She taught home economics in local schools prior to taking a position in real estate with a Warren, firm.

Mrs. Strong is a member of St.' Paul's Lutheran Church Guild and the Northville Branch AAUW, where she holds the position of legislative chairman. She moved to Highland Lakes three years ago and is active in the Highland Lakes Association Grounds & Building Modification Committee.

Mrs. Strong is married to Dr. Ronald Strong who owns and operates the Kelly Veterinarian Clinic. The Strongs have two sons John, a freshman at Catholic Central High School and son, Barrett a seventh grade at the new Morning School in Dearborn Heights.

MCPERSON COMMUNITY HEALTH CENTER in Howell has named Robert W. Hoag new assistant administrator, effective May 1.

He was appointed by Richard Lane, hospital administrator, to fill the vacancy left by Paul Baldwin, Jr., who has become the hospital's first associate administrator and director of planning and community relations.

Hoag, who holds a B.A. in health facilities management as well as a master's degree in business administration from Michigan State University, has just earned a master's degree in hospital administration at the University of Michigan. As part of that program, he worked as an administrative extern at Peoples Community Hospital in Wayne, Michigan.

Until 1976, Hoag was employed in hospital administration at Pontiac General, first as a staff specialist and later as coordinator of Plan-

ning. Hoag served with the U.S. Army in Viet Nam as an interpreter and interrogator before attending graduate school.

Hoag, 33, his wife and two children plan to move to Howell soon.

ROBERT HOAG

<u> NACEN</u>

CURT GRANGOOD opens a new appliance sales, parts, and service shop in South Lyon this week. Grangood Appliance is located at 390 South Lafayette Street in section C of the Apollo Cleaners building.

Grangood comes to South Lyon from Detroit where he has had 11 years experience in appliance sales and service. He plans to carry the Whirlpool appliance line which will be in stock after the middle of May. He will also specialize in parts and used appliances.

Grangood expects to move to South Lyon shortly with his wife, Candy, and two children.

THE NATURAL WOMAN shop in South Lyon opens its fourth year operating with a storewide anniversary sale beginning May 19. Coowners Verdine Lloyd and Lorrie Griswold report that they have increased their merchandise five-fold since their opening on May 2, 1975. Their staff includes five part-time people.

They continue to carry fashions in juniors, misses and womens covering the span of sizes from three to 20. California lines are a speciality. In addition to dressses and sports' items, the shop has coats, lingerie, hose, jewerly and handbags. Gift wrapping and specialty shopping for working women and retirees as features.

Style shows continue to be popular items with five to seven a year put on for various groups. Coming up is a May 23 showing for the Washtenaw District Dental Assistants' Society. It will be held at the Briarwood Hilton and is limited to 250 persons. Tickets are available at Natural Woman

MICHIGAN BELL has been named the nation's handicapped employer of the year in recognition of the telephone company's innovative program to hire physically and mentally disabled adults.

The President's Committee on Employment of the Handicapped presented Michigan Bell with its Large Employer of the Year award at the organization's annual meeting in Washington, D.C.

Pride Electronics' of San Diego, California, received the Small Employer of the Year award, given to the outstanding company with 200 or fewer employees.

"Michigan Bell's record speaks for itself," said President's Committee Chairman Harold Russell in presenting the company with its award. "The company is truly a leader in promoting and furthering the employment of the handicapped."

Plants aid

wildlife

A special program entitled "Planting to At-tract Wildlife" will be presented at the Nature Center of Kensington Metropark near New Hudson on Saturday, May 20 at 9 a.m.

The two-hour program will consist of slides, discussion and a walk to observe important wildlife plants.

Nicotiana blooms

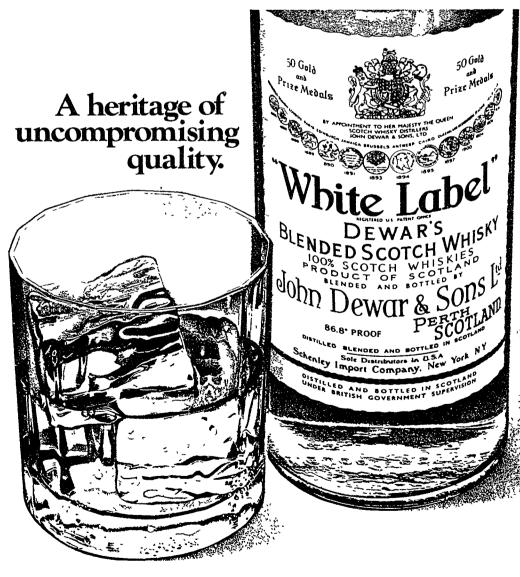
Continued from Page 2-C seedlings while they are water it thoroughly and small; they recover top with a shallow layer quickly. of potting soil. Plant the seeds in rows so you'll know the flower seedlings of the new nicotianas are from weedlings.

Do not cover the seeds; they need light to sprout. Sprinkle daily with a fine ors that are demanded in mist or cover with clear modern low-maintenance plastic. Transplant the flowers.

Rose pink, deep rose, white and crimson colors available. More are on the way as breeders hybridize the bright col-









KAREN STRONG RICHARD VYKYDAL

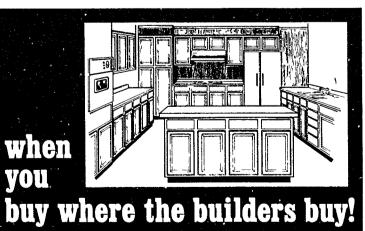
RICHARD W. VYKYDAL of Novi has been appointed Personnel Director at Hydra-Matic Division's plant in Three Rivers, Michigan. The appointment was announced by Plant Manager Gary C. Armstrong.

With the Hydra-Matic Division of General Motors in 1949. He is a 1948 graduate of the University of Detroit with a Bachelor of Arts Degree.

· He held various assignments in the Personnel Department with supervisory responsibilities in employment, employee insurance and hourly benefits program, and hourly personnel administration. He became General Supervisor of the Training Program in 1973, the position he held prior to his present assignment.



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Pets Pet Supplies Poultry Professional Services Real Estate Wanted Rooms For Rent Rummage Sales Situations Wanted Snowmobiles 5-5 5-3 6-3 2-8 3-3
 Rummage Sales
 4-18

 Situations Wanted
 6-2

 Snowmobiles
 7-2

 Sporting Goods
 4-3

 Townhouses For Sale
 2-2

 Trailers
 7-4

 Trucks
 7-7

 Vans
 7-7A

 Wanted Miscellaneous
 4-5

 Wanted to Rent
 3-10
 4-1B FOR

FOR HOUSEHOLD SERVICE AND BUYERS DIRECTORY SEE

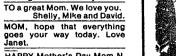


Equal Housing Opportunity statement We are pledged to the letter and spirit of U.S. policy for the schlewment of equal housing opportunity throughout the Na-tion We encourage and support an af-firmative advertising and marketing pro-gram in which there are no barriers to ob-rationing housing because of race, color, religion or national origin "Equal Housing Opportunity slogan "Equal Housing Opportunity" Table III – Illustration of Publisher's Notice

Table II - Industriation of Publisher's Notice Publisher's Notice All real estate advertised in this newspaper is subject to the Federal Fair fousing Act of 1966 which makes it lifegal by advertise any preference ilmitation or discrimination based on race color religion, or national origin, or an intention o make any such preference limitation, or discrimination " This newspaper will not knowingly ac-cept any advertising for real estate which is in volation of the law Our readers are hereby informed that all dwellings adver-tised in this newspaper are available on an equal opportunity basis (FR Doc 72-463 Flied 3-31-72, 8 45 a m)

Want ads may be placed until 3:30 p.m. Monday, for that weeks Edition. Read your advertisement the first time it appears, and report any error im-mediately. The Silger Publications, Inc. will not Issue Credit for errors in ads after the first incorrect insertion.

ANGIE - Happy Birthday. Con-gratulations on making the honor roll. Mom, Dad, Scott, Steve. Gramma Gladys, Great having you for a Mom! All 13 Ail 13 Happy Mother's Day Mom, love Lon, Barry, Bruce, Wes, Mark. Mark. Mom, you're great. Happy Mother's Day. Always Lisa & John. No. 1 SON from Brighton says see you Sunday in Flint. OH BROTHER! I sure hope this is not my week for the board. It was real nice, I'll real-ly miss this corner and the corner across the street. I feel I have made some very good friends. J. John. Andrew Russell Burke, Welcome to our world. Con-gratulations to Frank, Sally and big brother Jeremy.



HAPPY Mother's Day Mom N. & T. Love Den & Deb. HAPPY Mother's Day and everybody at Watkins Flower.

YOU'RE a long way away, but you're not forgotten Happy Mother's Day, love Al.

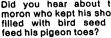
1-2 Special Notices ALATEEN meets Tuesday evenings at 8 30 Northville Presbyterian Church Emergency calls, 455-5815

Julie.

Emergency calls, 455-5815 tf "THE FISH" non-financial emergency assistance 24 hours a day for those in need in the Northville/Novi area Call 349-4350 Ail calls con-fidential tf I'm not responsible for debts incurred by anyone by myself as of May 1, 1978 Margaret I SetWiNG lessons in your home. Call Mary Beth, 624-8920 evenings.

Nome. Call Mary Beth, 524-8920 evenings. WHOEVER took gray, bulky knit sweater from Jimmy's Restaurant, please return or call 437-0310. No questions hand.

SUICIDE Prevention and Drug Information 1-875-5466 So-meone Cares tf SHARON & AL Whitvoifski have moved to 3688 N. Haritand Rd. Haritand, MI. ALCOHOLICS Anonymous meets Tuesday and Friday evenings. Al Anon also meets Friday evenings call 348-1251 or 349-1903. Your call will be kept confidential.



THE LIGHT TOUCH BY: ANN L. ROY

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Two kids were bragging about their relations. "My Uncle has a wooden "My Uncle has a wooden leg," said the first kid. "So what," sneered the other, "I heard my mother say that my aunt has a cedar chest!"

plan. Priced to Sell.

Call For a Free Market Appraisal

When little Johnny was asked by his aunt how high he could count, he counted to five on his nano. "Isthatashighasyoucan count?'' she asked. Johnny raised his hand above his head and counted to five again.

•

Did you hear about the moron who kept his shoes filled with bird seed to





JUST LISTED

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GRAB YOUR SWIMSUIT!

Pool, patio, grill — but wait till you see the inside of this three bedroom custom ranch on a large treed lot. Beautifully landscaped. Unique interior decorating. Full basement partially finished with full wall fireplace. Much, Much More. \$62,500.00 full wall fireplace. Much, Much More.

JUST LISTED

CITY CRAMPS?

CITY CRAMPS? Spread out on this gently rolling 10 acres across from beautiful Godwin Glenn golf course. Small barn and 4 splits available on land. Plus three bedroom comfortable ranch. Spacious livingroom and kitchen. Step saving first floor laundry. Carpet thru-out. And just minutes form I-96 and Twelve Oaks Mall. \$99,900.00

COUNTRY BREEZES Bestow magic in a nice rural setting. Brand new custom built ranch. Three bedrooms. First floor laundry. Full basement. Spacious livingroom and diningroom combination with cozy corner fireplace. Carpet thru-out. All on 2 acres. Horses

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10 acres — area of lovely homes, horses allowed. \$20,000.00

1 acre - super invest, zoned local business. \$22,000.00

9.5 acres - Corner lot. Lots of potential. \$35,500.00

20 acres — 4 possible splits — property has perk. \$45,000.00

MOBILE HOME 12x65 unfurnished, 7x25 expnado, 10x7 storage sh-ed, 12x60 Steel carprt. Completely landscaped. Plush carpet thru-out. Central Air. Stove and \$10,900.00

WE NEED LISTINGS. CALL FOR OUR FREE AP-PRAISALS FROM OUR EXPERIENCED SALESPERSONS. 437-2056



WORTH THE MONEY OPPORTUNITY - Don't miss this beautiful contemporary home. Two bedrooms, one and one half baths, formal dining room, family room fireplace, first floor laundry and wood terrace. Also offers two and one half car garage. All this on professionally landscaped lot with many trees. PROFIT BY BUYING NOW\$85,000.00

EXECUTIVE BUILDERS HOME - Absolute top quality workmanship only on this two story brick and aluminum home. Fully carpeted, FIVE bedrooms, THREE baths and den. Extra large kitbedrooms, I HHEE battls and den. Extra large ki-chen offers all the modern conveniences. Full basement and utility room. ANDERSON thei-mopane windows. Two car garage with paved driveway. Sale includes all drapes. END YOUR SEARCH BY SEEING AND BUYING THIS LUXURY HOME TODAY.....\$76,000.00

BLUE CHIP OFFERING - Extremely beautiful custom four bedroom home on TEN fantastic country acres. Family room with fireplace, and game room are just part of this deal. GIVE US A CALL, AND WE'LL FILL YOU IN ON ALL THE EXTRAS \$127,000.00

NOT JUST A GRACIOUS HOME, A WAY OF LIFE ---Luxury two story colonial home in the country just waiting to be yours. Included are four bedrooms, two and one half baths, formal dining room, firepiace and much, much morel ATTENTION HORSE LOVERSI!! — Included in this sale is an 11

THE VALLEY ESTATES — Come take a stroll through one of our Models in the beautiful PINE VALLEY ESTATES. Open Sunday 2:00 until 5:00 p.m. Located 4 miles south of Brighton on Ham-burg Road.

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Wednesday, May 10, 1978-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-5-C





ed basement recreation room and bar, family room with woodburning fireplace, formal dining room, 2-car garage, many extras Only \$83,900 See it at 9795 Ponderosa, Green Oak Twp Phone 478-9130



Commerce Lake ENJOY THE BRILLIANT SUMMER SUNRISE over the sparkling waters of Commerce Lake while breakfasting on your huge wrap-around deck. Inside this rambling 3 bedroom split-level you'll find space for both relaxed living and super entertaining blended tastefully. Two fireplaces, lower level den or office, secluded master suite with a master bath boasting a sunken Roman tub and doorwall. All this and much more for just \$73,900. 478-9130.

See it today. 478-9130.



Novi Novi ASSUME THE ATTRACTIVE mortgage on this spacious 3 bedroom, 2 story condominium in lovely Olde Orchard. Super kitchen with dishwasher and range included. Doorwall to private patio, basement. Clubhouse, tennis courts, indoor-outdoor pool and sauna. Relax and enjoy the carefree lifestyle. Just listed at \$48,900, 478-9130



must, of course, be absolutely satisfactory to you.)



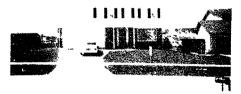
Your present home will be placed on the market with Rymal Symes, and every effort will be made by our professional sales staff to sell you home at the top market value.



In the event your home is not so within the guarantee period, Rym Symea will promptly purchase your property at the agreed guarantee

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boasts 2 freplaces, family room, first floor laundry, and many more custom features Situated on a heavily treed 5.25 acre parcel, this is truly a rare find at just \$112,900. Call for private showing. 478-9130



Novi COLONIAL CHARM EACH OF IE EIGHT ROOMS shines with its own in-dividually istailed decor. Formal dining room plus spacious to memaker kitchen with beamed ceiling and tots of table space. Fireplaced family room with dogrwall to red bruck patio in the large, private rear yard. 21/2 baths, basement, 2 car garage and more. Just \$72,900 takes it all. 478-9130.



Novi EARLY AMERICAN CHARM surrounds you in this professionally decorated 2 bedroom carriage house condominium. All kitchen appliances included, central air, attached garage, pool and lakeside park. A rare find and priced to sell. See it today, 487-0130.

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CUSTOM QUALITY FEATURES and materials are visible throughout this 2850 sq. ft. brick ranch with full walkout basement. are visible Four spacious bedrooms, huge homemaker kitchen with pantry, first floor laundry, 3½ baths, two fireplaces, 20 ft. family room with beamed celling, 21 ft. game room plus much, much more. The home dominates the 5 acre parcel from atop a hill overlooking a one acre pond. Reasonable taxes and quick occupancy. All this can be yours for just \$150,000. Call today for private showing. 4786-C--THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-Wednesday, May 10, 1978



BRIGHTON OFFICE 9880 E. Grand River

726 E. Grand River



Serene country setting on 10 wooded acres w/pond offers the perfect setting your fussiest executive would expect in Hartland. Extremely well constructed home has huge walk-in closets, 1st floor laundry, doorwall off eating area & large living room. This home is immaculate, well decorated & perfect for casual entertaining \$117,000 Call 227-5005

BRIGHTON

Come one, come all - Here is that very cute & clean starter home that I know you have been looking for! Central air & lake privileges - all for just \$22,500 Call 227-5005 (51807)

BRIGHTON

Charming 3 bedroom brick ranch in area of fine homes. Nice country at-mosphere but near town & expressways. 2 car garage, storage shed & even a doghouse Hurry! \$54,900 Call 227-5005 (52909)

BRIGHTON

Cozy 2 bedroom year 'round home on Briggs Lake. Fireplace in living room. \$32,500 Call 227-5005 (52050)

BRIGHTON

This lakefront 4 bedroom home is in an area where many homes have been rebuilt. Lots of room for a large family! \$49,900 Call 227-5005 (52203)

SOUTH LYON

Would you like to run your business from your home? Ideal 4 bedroom home? for this is located downtown South Lyon - waiting for you!!! Only \$59,900 Call i 477-1111 (52154)

SOUTH LYON

This lovely old home is in excellent condition w/new furnace, new hot water heater, newish roof. Zoned R-2 would make excellent opportunity or live in the lower level & rent the upper apartment to help make that mortgage payment! \$41,900 Call 227-5005 (81637)

HOWELL

Want Privacy? Like Country? Then this 3 bedroom walkout ranch is for you! Family room w/fireplace & an enclosed porch the full length of the house. Sets high on a hill - see for miles Plus a large 6-stall barn. Plus 8 acres!! Priced to sell now at \$67,500 Call 227-5005

GREEN OAK

Beautiful Victorian 4 bedroom home w/formal dining room, 2 fireplaces, living room, family room, 1½ car garage, 2 full baths on 7.9 acres. 2 barns & 2 out-buildings plus windmill Good access to expressways. Breathtaking view. A must to see! Tastefully decorated. \$124,000 Call 455-7000 (51781)



All Howell Town & Country offices belong to this new and unique service for the marketing of real estate. EQUAL HOUSING

-

Only at:



TOWN&COUNTRY

REAL ESTATE

2-1 Houses For Sale

IN NOVI

Whispering

Meadows

Previews the best value in lew. homes in this loca-ion: The Bristol Hill, 1700 \$4. ft. \$70,990. The Dunston, 2300 sq. ft. \$79,990. Features: Stained odwork. wood han grails, built-in oven, brick byer floor, wet bar in Dunston, masonry greplace, wood windows ront) ales office, West of Haggerty, South of 10 Mile on Burton Ct..

1 BINDER HOMES 478-6760 855-1616

New Quad, maintenance free brick and aluminum, three bedroom,all fully carpeted, family room with fireplace, 1½ baths, 234 Car garage, including stove and dishwasher, situated on large lot. \$58,900.

Paul Profitt Construction Co. 528 North Pontiac Trail Walled Lake, Mi. 624-3616

Real Estate Two, Inc. Real Estate = Property Management

149 MARY ALEXANDER COURT

NORTHVILLE, MICHIGAN 48167

NORTHVILLE HISTORICAL DISTRICT: 3 bedroom, 11/2 path aluminum sided home in the heart of Northville. Great, investment opportunity. Call im-mediately for details \$42,900.00

WALK TO TOWN: 3 bedroom home in convenient Northville location. Walk to schools, churches and shopping. Carpeted thru-out including kitchen. Very clean and tastefully decorated. \$43,900.00 clean and tastefully decorated.

LIVONIA: 3 bedroom brick ranch with 2 car garage. Newburgh and Ann Arbor Trail area. All electric home at low monthly cost. Call for further information. \$44,500.00

DOLL HOUSE IN NORTHVILLE TOWNSHIP: 46099 Neeson Street. Needs imaginative buyer to see potential. WILL CONSIDER all offers. \$32,900.00

RESIDENTIAL LOT: 99 x 200 Building site in fast growing Novi. Close to Twelve Oaks Mall in ecluded residential area. \$14,500.00

349-6555

QUAL HOUSING



Warehouse. 10,000 sq. ft. including office space. Light manufacturing. Immediate oc-"cupancy.

South Lyon. 7000 sq. ft. building located on corner in prime business district, adjoining Post Office. 4200 sq. ft. paved parking. Land Contract Terms. \$160,000.



BY owner, 3 possible 4 bedroom colonial 2½ baths, formai living and dining room 2 car garage Family room with fireplace and walk-out deck Basement with walk-out Kit-chen with island stove and dishwasher. Appointment on-ly, 227-1672 29 NOVI-three bedroom contem-porary colonial, air condition-ed, hard wood floors, studio cellings, family room, 1800 sq feet, \$69,500. 349-8116. 4 BEDROOM, brick and aluminum ranch, central air, finished basement, gas heat, easy expressway access, \$43,500 229-7085

2-1 Houses For Sale

HILTON ESTATES

29

Decorated to perfection, this gorgeous 4 bedroom quad features a family room with brick fireplace. 2 full baths, an attached garage, and access to Hope Lake! ONLY \$75,900. OPEN SUNDAY 12:00-4:00 p.m.

2-1 Houses For Sale

3333 Hilton Estates Drive Brighton (Take Hilton Road just West of Old U S.

> **Realty World** CHAPMAN

227-6252

BRIGHTON (8-miles west) guad-level executive home, 3duad-level executive nome, 3-bedroom, plus master suite, 3 fireplaces and barbecue outside. 10 rolling acres with lake frontage, \$132,500. 1-517-546 29

3 BEDROOM Home in Brighton. New siding, and roof. 227-7312



CENTURY 21 SUBURBAN REALTY INC. 200 S. Main Street, Nor-

thville. Has opening for salesperson. If you are interested — call Dick Ruffner --- 349-1212.

SPORTSMAN Paradise Large three bedroom cabin Nor-theast of Grayling on half acre adjacent to thousands of state adjacent to thousands of state acres. Walking distance to good fishing lake and AuSable River. Insulated, LP gas heat, electricity. Ideal snowmobil-ing and motorcycling area Priced for quick sale Call evenings, 632-5375. 2 BEDROOM home, treed cor

garage, Whitmore Lake sub-division, asking \$25,000 Days 449-4286, after 5 00 p m 878-9418

WHITMORE LAKE Handyman's Special Lake access,

\$20,000 Reasonable terms. Needs much work. New plumbing, new

electrical service, gas heat, new furnace. Kitchen cabinets ready to instali. STUTEVILLE

REAL ESTATE 449-2583

MODEL Homes with Lake Privileges from \$80,000 to Privileges from \$80,000 to \$95,000 Walk-out ranches, four bedroom Colonials, large homes with custom features and great views Brighton area National Suburbia Builders, 229-8900 tf

OLDER home in Northville, Well insulated, 3 bedrooms, lot 66 x 132 \$45,000 Open Sun day 1-3 p.m. 610 Novi Street COMFORTABLE colonial Call for appointment to see this

custom built home Face brick, sunken family room with fireplace, large basement central air conditioning Large 2 car attached garage and lots 2 car attached garage a half acre lot. \$63,500 Nick nith, Broker 453-0525. where in lower Michigan BY owner - South Lyon, 4½ years old, 1,300 sq ft ranch, 3 bedrooms, family room with fireplace, full basement, fenced backyard, long front porch, 2½ car garage. 437-9366

HOUSE BY OWNER Nicely decorated 3 bedroom ranch, fireplace, sunroom, finished rec. room with bar. 2 baths, attic fan, dishwasher, new vinyl floor & beamed ceiling in kitchen. Gas grill, fenced yard, storage shed. Buyers only. \$49,000. 437-1117 WOLVERINE Lakefront 5 bedroom contemporary beamed cathedral ceilings H T Keating, 646-1234 3(30 ENGLISH

2-1 Houses For Sale

437-9735.

after 5 pm

cupancy, \$16,900 D Mobile Homes, 349-1047

1978 AMHURST, 14 x 60, two bedroom, stove, refrigerator \$11,500 437-8734 28

LIVE LIKE A MILLIONAIRE

Country Estates

SALES& PARK

New Mobile Homes

Spaces available for new

model mobile homes Children welcome. Credit

terms easily arranged. 58220 W. Eight Mile Rd.

437-2046

1973 KIRKWOOD, 14 x 70, 3 bedrooms, 1½ baths, carpeted, with stove and refrigerator, must be moved, \$7,300 437-3191

2-4 Farms, Acreage

TEN GORGEOUS ACRES Brighton area, less than one mile to US 23-Winans Lake Rd

exit Woods, ravine, pasture for horses. \$35,000 firm, prin-

2-5 Lake Property

LAKE front home on chain o

lakes, 2 bedrooms, carpet, gas heat, north of Chelsea, \$34,500 Pilbeam Realtors, Ann Arbor, 994-0826 28

from Ann Arbor, 25 feet

above water, 4 beautiful

LAKE

(about 1-block away)

Heavily wooded lot in

area of lovely year-

round homes. Pinckney

schools. Choice spot

\$19,900. Call Jenny Smith 1-663-0348 or 1-

SPEAR &

ASSOCIATES

INC.

BROKER

1915 Pauline

994-4500 (office)

6543.

cipals only 227-7625

8900

Open9am Mon-Sat.

For Sale

Tudor Ranch 4 Bedroom, 2½ bath, basement, hand split wood shingles, 3¼

acres, 40 x 80 wood barn, half heated and insulated. By appoint-ment only. \$124,900. 349-3110

LAKE PRIVILEGES

Loon Lake, Wixom, lovely 3 bedroom trilevel. Family room with firenlace, large wooden deck to treed ravine lot. Completely redecorated. New carpeting, 2½ car garage with opener, central air, many extras. Must see. \$68,900. 624-0814



On one acre treed lot. 3 Bedroom Brick Ranch, full finished basement, 11/2 bath, Family room with Franklin fireplace. New decorating throughout. 2 small out buildings. Northville Township. \$67,000

348-2919

BRIGHTON BY OWNER

Charming ranch, 3 bedrooms, 1½ baths, 3 25 x 12 living area with 2 fireplace, and way cathedral ceilings, country kitchen, plus first floor laundry, on 5 acres. \$79.900 229-2478 or (517) 546-3900.



348-2101 2-3 Mobile Homes



NORTHERN VACATION HOMES

Mobile & Modular New & Used • A complete home starting at \$8,900 00

30 day delivery any

Low maintenance

DARLING

MANUFACTURED

HOMES

ON NOVI ROAD

Fri & Sat. 10-6; Closed on Sunday

CLEARANCE

2-3 Mobile Homes 2-8 Real Estate Wanted '76 BOANZA, 14' x 70', 2 bedrooms, 1½ bath, 9' x 10' shed, appliances stay, call 9 00 to 2 00 or after 6 00 p m WE are interested in purchas-ing farm lands for subdivision development in Livingston County Call Tom Adler, 632-6222. 70 NAMCO 12 x 54. 2 bedrooms, Hardwood floors, washer and dryer. 227-9269 WE BUY, sell, or exchange Real Estate, in and out of state Harvey M Milford 546-9800 72 BARON, 12 x 60 foot, fur-nished, washer and dryer, skirting, steps, priced to sell Call 349-1047

FOR RENT 1973 MARLETTE 14 wide with expando, central air fireplace, washer and drye adult section, in Stratford Villa Ready for immediate oc-3-1 Houses

Darling APARTMENT size 1 bedroom home for rent New decor, ap-pliances, carpet and drapes Walking distance to downtown Northville \$250 month 477-WANTED Used mobile home Quick cash 9-5 p m (313) 685-1959 33

8893 WHITMORE Lake two bedroom, fireplace Lake privileges. \$300 per month Asking first and last months rent plus \$200 security No pets 449-4627 FURNISHED one bedroom house Utilities Inc \$53 a week Brighton 229-8982 NOVI, farm house, kitchen, liv

ing room, bedroom, den, bath, \$225 Equal security, couples preferred Between 7 00 and 8 00 p.m only 349-0236 30 3-2 Apartments

DELUX, 2 bedroom Bishop Lake Apartments, \$260 per month. 229-5900.

INDIAN LODGE

APARTMENTS 1 & 2 bedroom large apart-

Near I-96 and Beck Road. Shag carpeting, central air, colored ap-pliances. Swimming pool. 624-3194

Immediate Occupancy HOLLY Hills Apartments, one and two bedrooms Starting from \$212 517-546-7660 tf

LEXINGTON

MANOR

APARTMENTS

Attractive Bavarian type 1 OSBORNE Lake Lots — Beautiful view, underground utilities, water included, Brighton area, \$19,000 Na-tional Suburbia Builders, 229and 2 bedroom apts from includes \$220 heat and pets Playground, Children pets welcome. pool, carpeted, air conditioned and more. In-tersects US-23 and I-96, 850 E Grand River, Lake frontage, 300 ft., Lakeland area, 16 miles Brighton 1-229-7881

3-2A Duplex

building sites, no perk problems. \$65,000 or NEW Duplex, 2 bedrooms, ap-pliances, carpeting, air, no pets, \$250 a month 229-9021 will divide. 1-229-5063 evenings or weekends

3-3 Rooms 2-6 Vacant Property ROOMS for rent - South Lyon Hotel Call between 8 a m - 5 p m 437-6440 29 HALF-MOON

SLEEPING room for rent \$65 per month 614 Flint Rd 229per n 7065 PRIVATE EASEMENT to Half-Moon Lake

LEXINGTON MOTEL COLOR TV-AIR COND

By Day or Week 1040 Old US-23 227-1272 5 Min. from I-96 & US-23

Truck Parking 3-4 Town Houses &

Condominiums BRAND new large 2 bedroom townhouses, all appliances, basement, and lake privileges, South Lyon, \$300 monthly. 20th Century Realty, Inc. 437-6981 NOVI, 2 bedroom townhouse 1½ baths, 1 car garage \$425 month Call evenings, 437-Ann Arbor, Mi-48105

mon. 6564 3-5 Mobile Homes

LAND, Northville Township, 1 3 secluded, treed acres, with pond view, perked Call 349-Rummage Sales 8543. 28 WATERFRONT Building Sites - Huron River Frontage, large sites suitable for walk-out basements, some trees, underground utilities, \$32,000 each Brighton area Brook Real Estate 229-7200 or 437-4551 ff ESTATE AUCTION MOVING Sale, clothes, ap-pliances, furniture, miscellaneous 57220 Twelve Mile near Milford Rd Saturday 3 BEDROOM, 2½ car garage, \$275 monthly, 227-4506 after 5 3-5A Mobile Home LES JOHNSON AUCTIONEER & Sunday. SALE Dishes, clothing, old crocks, lamp table, much more. May 11, 12 & 13. 9 a.m. Pleasent Valley and Spencer Brighton Phone (517) 676-2304 Mason, Michigan Sites SATURDAY, MAY 13, 1978 at 11:00 A M LOT for 12 x 50 mobile home, available June 1st Brighton Village Mobile Home Park, Due to the death of my husband, I will sell at the BEAUTIFUL four acres corner lot Near Lake Sherwood and Proud Lake Recreation 698-4653 after 6 p m 29 place located 3 miles north of Novi on Novi Rd. to 12 Mile Rd., then east 2 miles to Haggerty Rd , available June is: United States States States Village Mobile Home Park 7500 W. Grand River, Brighton 229-5112. RUMMAGE sale, Thursday -Saturday, May 11 - 13, 9 - 5, lots of clothing, regular and baby furniture, 2 keyboard organ with sound effects Paid \$550 Will sell for \$280 or best offer 2338 Novi Rd., between 12 & 13 Mile Rd. 624-2506. then north to 14 Mile Rd., then east first place, House No. 38775. MACHINERY: 8N Ford Tractor W/Blade and Manure Loader; Allis Chaimers C Tractor, 8 Ft. 3-6 Industrial-ATTENTION BUILDERS Manure Loader, Allis Chalmers C Tractor, 8 Ht. Double Disc, Land Roller, 2 Wheel Trailer, 250 Ga. Fuel Oil Tank, 5 H P. Roto Tiller, Side Lawn Mower, Rotary Lawn Mower, Wards Radial Arm Saw, Craftsman Bench Grinder, Wards Band Saw, Commercial We have building lots available — 50 ft. to 10 acres. Terms STORE & office space for rent Call Mr Hoard at 437-6018 or 437-0953 tf GARAGE sale - 315 N First St , Brighton (right in town) Wed., Thursday, Friday available. Livingston County — 9½ miles SW of Brighton near Levels; Work Bench, Squares, Craftsman 7½ Inch Saw, Bolts; Electric Yard Trimmer, 2 Vises, Elec-40 x 72 HEATED garage with four bays for non commercial use. 349-1518. Hand Corn Planter, Orange Crates; Garden Sprayer, Floor Jacks, Lawn Seeder, Grass YARD sale - 445 S. Church, Brighton Household and col-lectible stems, Avon bottles and tools, Fri - Sat. 10 a.m. - 6 beautiful Rush Lake COMMERCIAL building for lease, on M-36, 2000 sq. ft 227-6900, Bill. Hills Golf Club. eder, Hammers; Shoveis, Saws, Drill Bits, Lots of Hand Tools. HOUSEHOLD: Refrigerator; RCA Portable TV; pm. Moving sale, Wednes-3-6A Buildings, Halls Robert Herndon Prinnell Upright Plano and Bench, Stereo-Record Player, New, Portable Sewing Machine, Turbo-Jet day, Thursday, Friday, Saturday, 9:00 to 5:00 p.m. Furniture, drapes, COMMERCIAL C-2 building with 2800 sq ft for profession or office. On Main Street in South Lyon 14 car off-street parking Write P.O Box 768, c/o The South Lyon Herald, 101 N Lafayette, South Lyon, Mi 48178 Realty Co. Whirlpool for Tub, Ping Pong Table, Day Bed, Pic-ture Frames and Pictures; Old Trunk, Ice Cream Freezer, Fire Place Screen, Antique Rocker. Typewriter and Table, Files, Odd Dishes, 3 Twin 1100 N. clothes, dishes, baby items, lawn mower, washer and dryer, lots Telegraph Rd. Beds, Other Articles too numerous to mention Dearborn 48128 of misc. Some are brand new or less than PROPRIETOR Daily: 1-278-4020; Sat. Sun.: 878-3157, Eve.: 1-3-7 Office Space MRS HAROLD T BAILEY 1 year old. 313-661-0149 9072 Andrew Drive 573-6591 STORE & office space for rent Call Mr Hoard at 437-6018 or 437-0953 tf Brighton West of Old 23, North of LUNCH STAND ON GROUNDS CASH BRUCE STEPHENS, CLERK tf 10 ACRES, Salem Township Perked, 689 ft frontage Good building site 437-0297 29 TERMS. CASH Hyne, at Osborn Lake OFFICE space downtown Brighton 229-2527 29 Estates MEDICAL/Dental suite for lease in Plymouth, in the Plymouth Professional Park, 860 sq ft, immediate oc-cupancy Phone 455-0730 or 981-2561, after 4 00 p.m 29 FARM EQUIPMENT AUCTION lot SATURDAY, MAY 13TH- STARTING AT 12 NOON NEW office space, Grand River frontage, downtown Brighton. 227-1155 tf Located at 5260 Allen Road, Fowlerville. From the junction of West Grand River & M-59, take W. Grand River four miles to Owosso Road, turn right (north) for 2 BRIGHTON office space on Grand River 750 sq ft , \$250 per month Call after 5 00 p m 227-1133 tf miles to Allen Rd. turn right 1 mile to address. ROBERT E. DUDLEY, AUCTIONEER, HOWELL PHONE: 517-546-3145 PHONE: 517-546-3145 John Deere Farm Tractor, 1948(?) Gas & Diesel; Allis Chaimers Farm Tractor, & Cultivator (Rough); Two 4 Section Double Discs; Massey Ferguson Rotarv Hoe w/3 Pt. Hitch; Steel Wheeled Weeder; Ferguson Cultivator; John Deere Grann Drill; Clod Buster; John Deere Triple Bottom Plow & Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Two Dearborn Wood Bros. Corn Planter; Plus Add on; Side Delivery Hay Rake; Tuck Steel Wagon Wheels; Quantity Steel Fence Posts; Large Snowmobile Trailer, Galvanized Watering Tank, Steel Wheelbarrow, 3.5 HP Moto Mower Riding Mower; Rolls of Fencing; Galvanized Wash Tubs, "Herd" Sure Fire Seeder; Galvanized Roofing; Galvanized Swinging Gate; Plg Trough; Truck Binder; 15 Wooden Fence Posts; BUZZ Saws, 20 Ft. Cardinal Elevator; McCormick & John Deere Manure Spreaders, Quantity Tires; Moto-Ski Snowmobile; Shovels, Forks, Tools, Nuts & Bolts, Seeder, Hay Wagon on 3-8 Vacation Rentals NEW Motorhome fully self contained taking vacation reservations now, 227-3979 tf LIGHT industrial, 1 acre, city sewer and water \$25,000 Glazier Real Estate, 227-6181 3-10 Wanted to Rent SINGLE male State Hospital employee needs rental by May 29 Call collect, (908) 293-8701. INDUSTRIAL Ski Snowmobile; Shovels, Forks, Tools, Nuts & Bolts, Seeder, Hay Wagon on Rubber; 500 Egg Incubator; Space Htr.; Rotary Lawn Mower; Scythe; Rolled **RESPONSIBLE** family of four need home or cottage in Brighton area by June 1st 229-Roofing, Fertilizer, Fireplace Grate & Andirons; Quantity Steel Drums; Jugs, Crocks, Water Pumps. NOTES: This over 100 yr. old Farmhouse & 40 Acres are for sale, due to ill YOUNG couple looking for home to rent in the country between Ann Arbor and Detroit. We will take good care of your house Please call 535-9129 or 533-3910. health. Jewelry Wagon starts sale promptly at 12 NOON. Make your own finan-cial arrangements prior to attending. Selling by number only with proper I.D. Principals & Auctioneer are not responsible for accidents. JOHN & BETHEL GOODWIN, OWNERS

HOUSEHOLD **CARAGE sale 1552 Clark Lake** Road, Brighton, Saturday and Sunday 10 a m till dusk FURNITURE, vacuum, 4-1 Antiques rors, bunk beds, and much more 319 Sherrie, North of Ely to Hilridge, Northville Friday, May 12th, 10 a m.-5 p.m ANTIQUE auction Friday, May 12, 7:30 p.m. 6080 Grand River at History Town between Brighton & Howell FIVE families, 10th-12th, 1999 Corlett, Brighton off Hyne 9 am-5pm RESALE SHOP - 1122 Hacker OUR garbage — your goodies Thursday-Friday, 10-3 only Corner of Hilton & Hope Lake Rd, one mile East of Grand River, Brighton

4-1B-Garage and

Rummage Sales

GARAGE Sale — Building materials, antiques, misc Sat-Sun, 10 a.m -5 p m , 40000 Grand River, Novi

YARD sale Thursday and Fri-day 10 'til 5 10905 Marshall Road Many new items and

odds and ends

Drive or call 437-8392

FRIDAY and Saturday, May 12th and 13th, 10 a m - 7 p m 40409 Oak Tree Rd , Village Oaks Sub Miscellaneous,

GARAGE Sale, South Lyon Woods Park Club House, Fri-day, 9 30 to 5 00, Saturday 9 00 to 3 00

MOVING OUT SALE

Теп

Household furnishings, odds and ends 10 a m - 6 p m

RUMMAGE sale, Friday and Saturday, 9 00 till, 133 Univer-

HIGH performance car parts, plants, odds and ends 4033 plants, odds and ends 4033 Cordley Lake Rd , Pinckney May 13th-14tn, 9 a m -5 p m

sity, South Lyon

Mile between

mir

4-18-Garage and

Rummage Sales

FRIDAY and Saturday May 12-13 9 a m -5 p m 40390 Guilford, Novi, Village Oaks

GARAGE and bake sale, St Paul's Episcopal Church, Brighton, May 13th, 10 00 to 3 00

3 00 LAKE Moraine Annual Garage Sale Off Pleasant Valley Rd , Brighton Friday May 12, only, 9 a m to 9 p m Refreshments available 10 till ? Over a dozen

garages open, most multi family sales Clothes, toys,

games, violin, guitar & collec-tible bottles, books and much

GARAGE Sale Friday May 12, 9

-5. Saturday May 13, 9 - 4 Win-dow fan, roll away, T V, bikes, laundry tub, rain barrel, clothing, books, household items, Christmas tree 21678 Rathione Drive Connemara

TEN family, 4411 Anderson Rd (off Spencer) May 12-13, 9 a m - 4 p.m. Travel trailer, pool

table, riding mower, freezer, beds, clocks, plants, much

More. GARAGE/MOVING SALE ; Stove, dishwasher, refrigerator, bedroom fur-niture, bumper pool table, sw-ing set, many misc items Clean good condition May Clean good condition May 10th to 13th, after 9 00 am 2066 Pontiac Trail, between Decker & Welch Roads, Wall-ed Lake

ed Lake HOPE Lutheran Church, 26715, Farmington Road, south of I-696, Farmington Hills, will hold a rummage sale, mini botique and bake sale Friday May 12th, 900 a m to 700 p m, Saturday May 13th, 900 a m to 1.00 p m Coffee cake, reasonable prices

RUMMAGE sale, May 11, 12,, 13 Corner Milford Rd and 12, Mile Rd , New Hudson

MOVING Sale - Thursday and Friday, 9 30 - 'till 61825 Bichfield South I von

GARAGE SALE - 5820 Winans⁴ Lake Rd., Brighton 1-day on-ly, Thursday, May 11, 9 a m - 3

3 FAMILY garage sale, Friday, May 12 only. 9 a m - 5 p m 2639 Parklawn off US-23 or

DIVORCE Sale, Mens shoes to baby crib, 1847 Lakeview Milford

Milford HUGE 4 family garage sale, Clothing, lawn tractor sweeper and roller, mini bike 2 dirt bikes, bicycle, chars household items and lots of miscellaneous Really a lot. Thursday, Friday and Satur-

Thursday, Friday and Satur-day 9 a m - 5 p m 9700 Tower

GARAGE Sale. Thursday thru Saturday 9 a m - 6 p m Baby and household items, clothes

tools Lots of miscellaneous

9040 Kemper Dr , Silver Lake

THURSDAY-Friday-Saturday between 11 & 12 Mile Rd, one block West of Milford Rd, 26421 Spalding Rd, New Hud

ESTATE AUCTION

The Estate of Arol Stubbs, seven rooms with attic

basement and garage loaded with approximately

600 lots of antigues, collectables, furniture, ap-pliances, tools and etc. from three generations Saturday, May 13th, 10 a.m., 57275 Grand River, New Hudson, Mich. Wegman Baby Grand piano, commodes, tables, rockers, corner curio shelf, bedroome, diplications, rockers, corner curio shelf,

bedrooms, dining room, living room, platform rockers, cedar chest, oak chest and dresser, sew-

ing cabinet, childs rockers, high-chair, English China, kerosene lamps, Victorian glassware,

square oak table, depression glass, watches and jewelry, picture frames and paintings, quilts, blankets and linens, mirrors, silver, miniature

lamps, radio, gas stove, refrigerator, copper boiler, churns and crocks, trunks, iron pots, snowblower and many, many items not listed. TERMS — CASH — ALL SALES FINAL, NOT RESPONSIBLE FOR ACCIDENTS Inspection 9 a m, day of sale Mrs. Grace Rorabacher, Ad-ministrator, John Wofford and Floyd Collinsworth

ministrator John Wofford and Floyd Collinsworth,

Auctioneers. Phone 313-721-1939.

School Lake, Brighton

much more

Hills.

more.

ed Lake

оf

Wednesday, May 10, 1978--THE NORTHVILLE RECORD--NOVI NEWS--WALLED LAKE NEWS-SOUTH LYON HERALD--BRIGHTON ARGUS-7 C.

Rd, Brighton 3½ miles south of M-59, 1½ miles north of Old Grand River Featuring primitive oak, and a good line of used furniture. Open daily 12-6 n m closed Friday New shop in town

BENNETT HOUSE

ANTIQUES 190 N. Main Street, Plymouth. Open daily,

THREE family garage sale. May 12 and 13 Brooklyn Farms Toys, childrens clothing, four wooden louver doors, skis, two black iron couches, 34 violin Miscellaneous household items 44536 Chedworth Court, Northville losed Monday only. We buy, appraise, and handle Estate sales. B A S E M E N T S a I e Miscellaneous items Lots c clothes, lots of baby things 8356 Hamburg Road May 1 thru 13,9 a m to dark 455-5757

BEAUTIFUL stained and beveled glass windows Also glass repair on same 363-0203 MOVING sale Stereo, televi-sion, 1928 solid oak table with built in radio and many more items After 5 p m 699 Forest

ANTIQUE Phonograph -works \$150 227-1655 WANTED by individual Lin-coln rocker, small oak icebox, wrought-iron mesh top table and chairs 420-2506

THURSDAY and Friday May 11 and 12, 9:30-2 30 Bitten Lake off Old 23 21⁄2 miles South of M-59 110 Fonro, Brighton Moving to Arizona, winter things, clothing, garden equipment, miscellaneous too many to mention many to mention

Household turnisnings, outs and ends 10 a m - 6 p m Saturday & Sunday, 12821 W 10 Mile, South Lyon THURSDAY - Friday, 9 a m , 41839 Sunnydale, Northville off Bradner Everything cheap 6 FAMILY garage sale Thurs-day, Friday, Saturday, 9-5 p m DUNCAN Phyfe table, 4 chairs, buffet \$150 Anvil, 40 gal. gas tank, farrier forge Clothes for everyone, lots of misc. This Thursday & Friday 2124 Predictor Bd Children's furniture, plants, jewelry, 1977 Firebird, clothing, patio swing, books, vacuum, kitchen items, toys, trailer and much more 24888 Applecrest, corner Cherry Hill 6284 Brighton Rd

GIGANTIC three family, anti-ques, chests, wood stoves Meadowbrook and Novi ques, chests, wood stoves and many misc. May 11th, 12th and 13th, 416 S. Main, Nor-GARAGE Sale, antique bed and dresser \$225, sideboard \$70, china cabiest thville

and dresser \$225, sideboard \$70, china cabinet \$200, chifarobe \$100, riding lawn mower \$50, roto-tiller \$200, electric guitar and amp \$75, air-hockey table \$65, linens, drapes, dishes, lamps 51390 Seven Mile Rd, Northville, corner of Napier, three miles west of town 349-1084, May 13 and 14, 9 a m - 6 p m HilMMAGE sale Eriday and MOVING sale, May 11th and 12th, 9 to 5, furniture, snow skis, games, 10 speed bike, misc 18473 Jamestown (court 11) Northville 349-0285

4-1A-Auctions Phil's Auction

Service 56838 Grand River New Hudson, Michigan

May 21, 1978

Antiques and collectables auction, view of articles on May 20, 1978, from 12 O'Clock until 7 O'Clock Oak furniture, oil lamp collection, cup and saucer collection, horse fancier collectables. It will be a super auction, drop in and have coffee May 20.

Ralph Phillips Auctioneer For information call

437-5335 or 453-5484 We auction the earth and everything on it. Watch for ad next Wednesday.

BRAUN & HELMER AUCTION SERVICE

ram, Housenoid, An que, Real Estate Miscellaneous Lloyd f Braun, 665-9646. Jerry f Helmer, 994-6309.

4-1B-Garage and

Household, An

Farm,



HAMBURG TOWNSHIP - HENRY VIII

New Tudor style 3000 sq. ft. and walkout ranch, outstanding custom kitchen, family room, 2 fireplaces, game room, 3 bedrooms, 2 baths, on 34 acre wooded site. \$90.000

LYON TOWNSHIP - Co-Op Apts.

New large 2 bedroom townhouses, carpeted, all appliances. Lake Angela privileges. Unbeatable low price at \$27,900

LYON TOWNSHIP — Cape Cod Cutie. Nestied among nature pine trees, this charming home of-fers 2 bedrooms, beautiful custom kitchen and a whopping 16 x 20 family room, all on 1.7 acres. Excellent access to 96 X-Way. \$55.000

SOUTH LYON - You won't need 2 cars! Walk to schools, shopping and churches, from this conve-niently located 2 story home, recently remodeled, 3 or 4 bedrooms and family room. \$49,000

GREEN OAK TOWNSHIP - Building site

21/2 and 31/2 acre parcels. Everything you've been looking for. They're the prettiest, rolling, wooded sites we've seen. Close to 23 & 96 X-Ways. \$22,000 & \$25,000

HAMBURG TOWNSHIP - New House

Spanish ranch with three bedrooms, 2 baths, heatalator fireplace, formal dining, 34 acre site with Gill Lake privileges. \$75,000

SALEM TOWNSHIP -- Dirt Cheap!

Best buy for industrial property we've seen for a long time, 5 acres, close to 275 X-Way. \$22,900



HEADLINER REAL

(1 block s. of Grand River) Novi 349-1047 Mon.-Thurs. 10-8; ESTATE Raised Ranch; Built

1975 on 4 acres, 3 bedrooms, family room, with fireplace, facilities for 2 horses, property lies 900' off 9 New 1978 Centurion 14 x Mile near Napier Rd. \$79,000

40250 Grand River Novi --- 477-1480

CITY of Brighton, three bedroom home on large cor-ner lot. Freshly painted, carpeted throughout, paneled dining room and full basement, call 227-7312 CUSTOM energy efficient homes at very reasonable prices. Many styles, as roughins for the owner, builder or completely finished. 227-5100.



50 2 bedrooms, carpeted, furnished, very plush Price includes one set of steps and set-up in our park \$7,645 Used Skyline, 10 x 50 2 bedrooms, very good con-dition Must be seen to be appreciated Ready to move in \$3,295 WEST HIGHLAND MOBILE HOME PARK

2760 S Hickory **Ridge Road** Milford



13% ACRES COMMERCIAL

Grand River — 196. Large 3000 sq. ft. 3 bedroom, brick ranch. Excellent for office or medical center. Land Contract, Terms. EDWARDS REALTY 437-1539

8-C-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-Wednesday, May 10, 1978

4-1B-	Garage ar	nd
	Rummage	3 Sales

COLOSSAL salel Furniture, Becorator, bikes, baby things boys clothes, toys, antiques, joliet, vanity Thur. - Frl., rain for shine, 6511 Catalpa (off Challis, near Ski Lodge). Brintton Brighton.

THURSDAY-Friday, 9-4, 1850 LeRene, subdivision off Pon-liac Trail between Welch and Decker. Cribs, changing table, car seat, toys, clothes, bikes, chair, and miscellaneous. 1836 Le Rene, subdivision off Pontiac Trail and Welch Rd. May 11-13, 9 a.m.-5 p.m. Clothes, books, Barble toys, toys, bed wetting alarm, se

South Lyon

ng machine, snow tires 8.25 x TRACTOR mower, automative Aguipment, chairs, baby fur-initure, clothing, childrens games, small appliances and much more May 12-13, 9 a.m. +5 p.m., 6609 David Dr (behind Hawking School) Brighton Hawkins School) Brighton.

10-5 p.m

MULTI family sale, 61302 Richfield. Pontiac Trail, Silver Lake Road area. Ping pong 4-2 Household Goods 15 FOOT cubic inch Frigidaire refrigerator, excellent condi-tion, \$75 227-1917. table. table, electric stove, liner children's clothes, househo items. Salesman's sample Levi belts, size 34 and boys, 28. Miscellaneous sample 13 CUBIC foot G E refrigerator, Avocado, 2 years old, excellent condition 349-2206 fitems 1 28. items Friday and Saturday,

CARPET & LINOLEUM GARAGE SALE! ODDS -N- ENDS OF TILE **9[¢]**_{Ea} \$ 1 99 ALL LINOLEUM REMNANTS **35 ROLLS OF LINOLEUM \$1**⁹⁹ **Δ**⁹⁹ INDOOR/OUTDOOR CARPET \$ 1 88 **RUBBER BACKED SHAG** ^{\$695} Regular \$10 95 SAXONY \$**8**95 Now **COMMERCIAL STYLE CARPET** \$399 - \$499 **Hamburg Warehouse** CARPET LINOLEUM 10588 HAMBURG RD. PHONE 227-5690 HAMBURG



pm 229-8436 after 6 p.m. MOVING sale: Maple bunk beds, large plants. 16 inch bike, TV, children's clothes, toys, misc May 11th and 12th, 2:00 to 3:00, 13280 Ten Mile. For sale due to move. Two white French Provincial pier cabinets with gold trim (6 foot 3

inches high x 2 feet 4 in-ches wide). Top quality RUMMAGE sale Friday and Saturday, 10-6 p m 6150 Three Lakes Drive. Grand River East Italian marble cocktail table, nest of tables, step table, chest of drawers, 1½ horse Johnson motor. 632of 23, South on Superior to Three Lakes Drive. BACKYARD sale, moving. Lots of baby and toddler things, wedding dress size 5. 1685 Clark Lake Road, Brighton, May 11th through May 17th, 11:00 to 7:00

MOVING - household tems Velvet sofa, lounges with bolsters, two living room chairs and much more. 437-3254

MOVING-freezer, 600 lb. capacity, \$100 Dinette buffet with hutch, charcoal grey, \$40 Wishing well, \$50, 437-3192.

STRATA Lounger, new \$125. Bassett baby crib \$30, Walnut coffee table \$45 1-313-878-3776.

SOFABED, living room couch. 229-8564. 609 Flint Road, Apartment 6, Brighton. H.P. NORGE automatic washer and gas dryer, \$195 both 38" Detroit Jewel gas range, \$60 68" living room sofa green and gold, \$75 Brighton, 229-6723 now at

MOVING sale. Oak dressers \$35. Dinette set \$30 Desk with chair \$45 K.L.H stereo \$85 Dog kennel panels \$15. Sofa \$40. Double bed \$25. Air condi-tioner \$150. Much more. 349-4886 4886

EARLY American rocker recliner, wing back char with ottoman, very comfortable chars, \$65 for both, red. 348-2419

RECLINING chair, refrigerator, chest, dehumidifier, lamp, dog ken-nel and dog house 349-5685 SINGER 42 inch round dining room table with 12 inch leaf, 4 cane back chairs with gold seats, traditional style with pecan finish, 1½ years old 349-5929

AMAZING values. Pool table, \$450 Gas hot water heater, new in crate, \$150. Hi-fi, \$50. Refrigerator, \$25. Bricks, 10 cents each, etc. 349-5759. NORGE 15 cu. ft. refngerator, \$100 Good condition, 227-2863 after 5 p m

SEARS gas space heater, 35,000 BTU's 30 inch gas range. Both good condition

MAHOGANY dining room 63 inch drop leaf table, plus leafs, 4 chairs Secretary china cabinet. Server 437 5241.

5 PIECE set, dinning room set, swivel end table, end table and record cabinet 229-4736



4-2 Household Goods

18 CUBIC foot frost-free, Hot-point, aqua, refrigerator, \$85

SINGER sewing machine with cabinet and carrying case. Good condition \$175. 437-8072

BEDROOM set: Double bed, chest of drawers and dresser, \$100 Wagon wheel light fix-ture. 227-7474.

SIGNATURE Portable Zig Zag sewing machine. \$75, 437-6668

LARGE six-drawer steel desk, 3 maple tables, marble top cocktail table and Ironrite

WHIRLPOOL Electric range, self-cleaning oven. Harvest gold, used 3 months, ex-cellent condition. Call 437-3651. After 6.

Instruments

4-2B Musical

4-3 Miscellany

\$350, 437-6081.

229-2004.

349-5482.

Tractor with 38' Mower reg. \$1950. NOW ONLY \$1449. See them NEW HUDSON POWER

53535 Grand River at Haas Rd. 437-1444

PLAYER plano rolls, now pric-ed from \$2.40. Large selection. South Lyon Pharmacy (on the corner\

PROM dress, (size 11) Begin-ners sailboat, air conditioner. 227-3406 HOMELITE CHAIN SAW SALE

Reg. 129.95 SALE \$99.95 360 Pro 20'' Bar Tip, Reg. \$325

XL-12" Bar Tip

SALE \$265 NEW HUDSON POWER 437-1444

4-3 Miscellany WELLPOINTS and pipe 1¹/₄ and 2¹¹, use our well driver and pitcher pump free with pur-chase. Martin's Hardware and Plumbing Supply, South Lyon ar action ff 0807. PLUMBING supplies, Myers pumps, Bruner water softeners, a complete line of plumbing supplies Martin's Hardware plumbing supplies Martin's Hardware and Plumbing Supp-ly, South Lyon. 437-0600 ff WE have a complete line of P V.C plastic drainage pipe Martin's Hardware and Plumbing Supply, South Lyon 437-0600. tf

WOODHEAT?

We carry Morso, Efel ELECTRIC guitar with amp, good condition, asking \$95. 349-4652 Earth, Shenandoah. All tight efficient air stoves. Heatmaster Ad on furnace burns wood FENDER electric guitar and bassman AMP with covers, and coal, also cast iron Franklin, Parlor, and box stoves. Licata's Woodheaters, 318 W. Grand River, Brighton. 229-9637

> POP machine, ideal for school, clubs or organiza-tions, good condition 668hp 6768. COMPLETE set of Accetelyne

& Oxygen tanks, brand new, \$350. After 7 p.m. 227-7819 STRAWBERRY plants, June bearing 25 - \$3,50, 100 - \$12 Ever-bearing 25 - \$4 50, 100 -\$16 Call 1-517 546-5675 30

ONE set of 14 x 24 Diamond Trend turf tires with wheels and hubs. 7700 Currie Rd., Northville BOLENS electric start mulching lawn mower, red-wood chaise lounge and table, two cushion sofa, potted ar-tificial geranium, new Weber charcoal grill with accessories - 22½ inch, table radios, T V antenna, Scots lawn feeder and many other items 348-1333 Northville

1333

ORANGE Blossom diamond engagement ring with mat-ching band 229-8286 after 5 p.m. HANDBLOWN Glassware.

Large selection, ideal gifts for Mother's Day, Graduation or any occasion. (313) 498-2176. STORAGE SHEDS, barns, and parages 8 x 8 thru 40 x 60 as garages 8 x 8 thru 40 x kits or installed. 227-5100

WHO CARES! Home care, laundry care, personal care. WHO CARES! AMWAY

CARES! products and distributorships available, 39 Call 229-7095.

COLLECTORS have the op-portunity to acquire a plate that may become the most sought-after American Mother's Day plate of all time "Bedtime" 1978 issue price \$24,50 Rockwell Society Mother's Day Series Baran's

\$24.50 Mother's Day Series Baran' Jeweiry, South Lyon 437-1361

4-3 Miscellany LARGE hay barn, has beautifu wooden beams suitable for wooden family i family rooms, tongue and groove wood. 525-0570 or 437auto-truck repairmen, save up to 75% on nuts, bolts, washers, etc. 229-7675 for price list. CONTRACTORS, farmers, ONION sets, 39 cents a pound. Seed potato, 18 cents a

Seed potato, 18 cents a pound Jim's Lawn & Garden Center 227-1219 tf STANDING timber wanted, selective cutting, land clear-ing, largr or small tracts 437-2183. tf

2183. tf BLACK top soli, Mason sand, shredded bark, pea stone, road gravel, drive way gravel, fill dirt, fill sand 229-6935 or 227-1397 HARLEY-Davidson golf cart, gas engine, \$300 Brighton 227-6521.

NINE used lawn mowers, very good condition. 624-7297.

FREE miniature pansies through Mother's Day. One to a customer May's Melon Farm, 2151 W. Grand River, Howell 548-1913.

HOMELITE GENERATOR SALE

3500 watt, continuous du-ty, 25% surge power, dual voltage. Reg \$749 SALE \$525

5,000 watt also on sale NEW HUDSON POWER 437-1444

REFRIGERATOR, electric stove, gas stove, washer, dryer, and snowmobile Mov-ing — will sacrifice. 227-3708 after 6 p.m.

DIRT cheap, shredded black dirt, 5 yards, \$31 10 yards, \$49 delivered. Quality road gravel, fill beach sand, stone delivered quickly 227-6316 especially before 9 a m and after 9 p.m. 29

HERB plants, over 80 varieties of perennials to choose from including cooking fragrant and dye plants. Sunshine Farm and Garden, 2460 N. Wixom Road between Milford and Wixom 685-2204

Wixom 685-2204 SHASTA daisy plants. 4 for \$1 , all white. 348-9672.

MOVING sale Furniture, household items, amplifier, electric stove. 730 N. Center (Sheldon Road) 4 houses South if 8 Mile Northville. Thursday-Saturday, 9-7 pm. BURPEE'S bulk and package garden seeds, onion sets, grass seeds, and fertilizers. Use our spreader and roller free with purchases. Martin's Hardware, South Lyon. 437-6600

0600 NEW designer double vanity by Williams, wood china bowls, Corian marble, \$195 878-3063

12 INCH Skill chain saw, new parts, \$60 After 6 00 p m 227-

7126 TWO sets concrete, three steps, 4 foot wide, \$45 each. 229-2406

4-3 Miscellanv

TWO tires that will fit a Gremiin, excellent condition, few miles, \$40. B & W Magnavox Entertainment Ing shrubs, and shade trees. Dig your own. Open Wednes-day through Sunday, 9:00 to 5:00. Red Barn Nursery, 4500 Duck Lake Road, Milford. Phone 1-313-685-3924 29 Center, good condition, \$40. 437-8339.

CERAMIC's for sale. Firing done in my home. Ceramic classes starting soon. 437-6575.

BUILDING materials. Plumb-ing, baseboard hot water heating system, many other salvageable materials. House to be razed. 324 W. Grand River, Brighton. 227-6181 300 GALLON above ground gas tank with filter and nozzle.

gas tank with bills, and and 3 years old, \$250. 227-7909. CONCRETE patio slabs. 22 x 35 x 2. \$2 each. Pick up at 1068 Allen Drive, Northville. 349-2589

2589. COLORADO Spruce Trees, 8-12 ft. tali. 2605 Van Amberg, Brighton, 229-8111. 28 349-4552 SEED Potatoes, Cobblers, Kennebec, Pontiac Reds and 12 HP. Garden Tractor with mower and blade, hyd, lift, good condition, \$925. 229-5003.

Kennebec, Pontlac Reds and Onion Sets, South Lyon Lumber and Farm Center 437-Onion 1751

NOW in bulk and package garden seeds. South Lyon Lumber and Farm Center 437-REFRIGERATOR/freezer, bar

with stools, cedar chest, 24 foot pool, 250 gallon fuel tank with hose 624-0256 WOOD HEAT? Stop and see us We carry Morso Efel Earth Stove Shenandoah, Heat-

masters add on furnace All cast iron Franklin Parlors, and boxstove Licata's 318 W. Grand River, Brighton 229-9637 POST Hole Digging. For Fences and Pole Barns, also rences and Pole Barns, also for tree planting. Call 437-1675

4-3A Miscellany

Wanted WANTED: Spinet plano good condition 437-2482. in 28 WANTED. 36" French door, used, Whitmore Lake 449-4119.

4-3B Lawn-Garden Equipm't

WANTED: roto-tiller for 10 or 12 h.p Wheelhorse tractor. Any_condition. 227-5995.

Roto-Tilling Lawn mowing and handyman services Afte 10 a.m. 229-2128. WHEEL horse tractor, 8 HP, mower, blades, and chains, mower, blade \$600 348-9728 MASSEY Ferguson, 14 horsepower garden tractor Hydrostatic 48' mower Used 2 summers. Immaculate. \$1 800, 349-2672

Homelite Tillers SALE HP reg. \$280 SALE \$180 HP reg. \$380 SALE \$280 HP reg. \$510 SALE \$380 HP reg. \$510 SALE \$380 3 8

4-3B Lawn-Garden Equipm't

Equipment 9N FORD tractor with front loader, completely overhaul-ed, \$2,000. Call after 6:00 p.m. EVERGREENS, potted flower

227-4752 JOHN Deere A. Rebuilt engine and ignition system. Good tires, full hydrolics. \$1,100. tires, fu 878-5339

4-4A-Farm

MASSEY Ferguson tractor, 135, Ford tractor 9N, good con-dition. 437-3442 Lawn Maintenance JOHN Deere full size farm tractor, new 5 foot rotary grass cutter, disk, steel sied, spring tooth, spike drag, \$1,700. 349-4886. 349-5685 Mowing, trimming, edging of commercial and large area lots. Land-

scape planning. Free Estimates. 4886. 349-3000 INTERNATIONAL I, 4-tractor, \$800. 24630 Taft Rd., Novi hp Call After 6 p.m. GREEN

437-0551

Roto-Tiller, Sears 5 h.p., 3 years old, \$135. Lawn vacuum, used 1 season, \$225 new, sell for \$150. 227-7158. 3 H.P. lawn and garden power sprayer. 3 point hitch bush hog. 229-5686.

POLE BUILDINGS

POLE barn materials We stock a full line Build it

yourself and save We can tell you how South Lyon Lumber and Farm Center 415 E Lake, 437-1751

4-5 Wanted To Buy

BUYING junk cars and late model wrecks D Miechiels, Auto Selvage and Parts. (517) 546-4111

MEN'S used left handed fielders glove. Call AI 624-8100 before 5 p m. or 348-3295 after

by Huskee-Bilt Farm, Urban or Commer-cial. Call Jan Warren, 227-

cial. Call Jan W 2129, Brighton.

437-1751

5 p.m.

\$850, after 5 p.m. (313) 878 9929 TWO sod cutters and three sod rollers. 437-2028.

SEARS 12-HP Garden tractor

42-inch

SURVIVAL

55 GALLON lawn sprayer, complete with engine and pump. \$75. 349-5367. 10 H.P. International Cadet with 36" mower, 36" snow blower, 48" broom. Call after 5 p.m., 229-9345.

EVERGREENS, shade, flower-ing trees. Bring shovels, con-tainers wrappings. Some pot-ted stock available. Weekends ted stock available. Weekends only. Nectar Nook Nursery, 1401 Hughes road, Lake Chemung, west of Brighton. 28

4-4 Farm Products

PIONEER SEED CORN Alfalfa and sorghum, Kenneth Zeeb, 5370 Earhart, Ann Arbor, 665-3057 29

4-4A-Farm

SCRAP copper, brass, radiators, batteries, lead, junk cars, iron & etc. Free ap-pliance dumping Regals 1-517-546-3820, Howell. tf pllance dumping F 517-546-3820, Howell. Fresh supplies of hay and ST JOHNS Hardwood Lumber Andersons straw and Andersons Feeds in stock. Any quali-Co., Inc CASH for standing timber, 5 acre lots or more. 506 ty and delivery available.

Equipment

E. Sturgis St., St. Johns, Mich 48879 517-224-4624 or 224-2914 Hay Maker Farm 52770 Ten Mile Rd.

blade and

WANTED, youth size bunk beds. Good condition, 349-6343. South Lyon, Mich 437-3859

> PETS

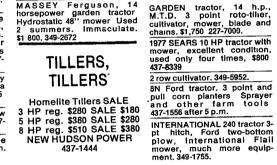
5-1 Household Pets

DACHSHUND, mixed, 9 mon-ths old, female, loves children, all shots Call weekdays after 5 p.m. or weekends. 349-4655.

OBEDIENCE TRAINING

Now is the time. 994-5642. BRITTANY Spaniel, AKC registered, 4-months, housebroken, great with kids, \$75. 348-2840

DEADLINE IS HOUSEHOLD SERVICE AND BUYERS DIRECTORY DEADLINE IS 4 P.M. FRIDAY DRAPERY BUILDING & **BUILDING &** ELECTRICAL CARPET CLEANING **CLEAN UP & HAULING** ALUMINUM BRICK, BLOCK, CEMENT REMODELING BRICK, BLOCK, CEMENT REMODELING CLEANING CUSTOM-Medde draperies, curtains, & valances 30% off. Large selection of fabrics shown in your home by ap-pointment For free estimate call Creative Windows, 227-4994 / 29 MOD-WAY D&D CONSTRUCTION Rough and finished carpentry, Need a licensed electrician for that small job around the house? If so call 229-6044 ti WOOD DECKS — free estimates 349-2184 after six 28 CLEAN UP & HAULING CARPET CLEANING SEIDEL STONE CRAFT ANCHOR CEMENT Shampoo or Steam Upholstery-Vinyl Repair We Built The Best And Attics, garages, base-ments, yards, whatever. Reasonable. Free Garage Patio's, porches, base-ment floors, driveways, pole barns, no jobs too big or small 449-2078 **EXPERT** Fix The Rest, In The drywall and painting, all work guaranteed, 1-313-437-3427 31 Carpet Guard Available Stone Of Your Choice. PRESSURE 624-5986 Also Slate & Brick ELECTRICIAN Sale signs. 437-8546 ADDITIONS-Licensed Household, industrial, up C.J'S CLEANING Pavements. MODERNIZATIONS CALL Anytime 313-356-8319 Fireplaces CONSTRUCTION dating, remodeling, addi-Dormers disposals, Cement & masonry Att. Garages DRY WALL tions Exterior aluminum clean-BRICK 50% discount the first time you call us Clark & Clark Lawn and Home Care Also, hauling of all kinds Free estimates dishwashers, whatever 437-8546 CARPET CLEANING-CARPET Large jobs, or repairs. Work Porches, retainer walls, Porch enclosures work. ed and waxed by machine. furniture and Wall Cleaning by Family rooms awning, trim, siding, and small garages, wood decks, Rose Service Master, free estimates Rose Service Master, Howell, 1-517-546-4560 myself. Redwood decks roofs, gutters, founda-MASON mobile home: T & T Drywall' Hang and finish-227-1459 849-0025 Licensed Rough in eled Please tion repair and addied, new or remodeled Plea call Tom at 1-(517) 548-1945 FENCING Kitchens Bathrooms insured tions. 437-8773. 624-7625 after 5 30 Office or den Roy F. Robinson 474-7278 **Quality Work** Servicemaster Rec rooms PLASTER as cheap as drywall Stronger better insulation KLUCK CONSTRUCTION WRECKING FENCE INSTALLATION Replacement doors



NEW HUDSON POWER 437-1444

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	VACUUM CLEANER AND SEWING	CEMENT	Too Small 4 37-2441	who works on jobs himself — call	BULLDOZING & EXCAVATING	the cleaning people who care®	End Loader Service Land Clearing Dump Trucking	Drywall and texture services, 12 years experienced, free estimates, reasonable rates,	EXPERIENCE FREE ESTIMATES 624-1163
~ ,	MACHINE REPAIR (All makes) Wolverine Brush Co		401-2441 BUILDING &	MARTY GRAFF'S GRAFF CONST. CO. Farmington Hills	Pond Dredging	PROFESSIONAL CLEANING	Residence, 349-1228 Business (ans. serv)	new houses, additions, etc. 227-3799 28	
	31 W. Main, Brighton 227-7417 Rent a Steamex	COMPANY		476-8338 Small jobs	& Development	Carpets, Furniture, Walls, and Hardwood Floors FREE ESTIMATES. CALL	582-6692	EDUCATION &	CHAIN LINK FENCE
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(517) 434-3	423-3893 or office (313)		Carpentry • Masonry	WALLS SAG?	437-1727	THIS WEEK'S SPECIAL	COMMERCIAL	APPLICATIONS now being accepted for the Spring	WOOD FENCE See it all at
BR	ICK, BLOCK, CEMENT	HORNET	Cement • Decks 437-6671	FLOORS SAG? FOUNDATION SAG?	FILL DIRT &	Carpet Cleaning, 2		Term In: Legal Sec'y. Medical Sec'y	
B	rick Mason	CONCRETE CO.	LICENSED	•WE CAN FIX IT	BULLDOZING	rooms, \$21.50 Furniture, 2 pieces, \$19.95.	B& B CLEANING JANITORIAL SERVICE Cleaning	Secretarial Acounting Management	D & D
Bri	ck, Block, Porches, eplaces, Repair Work.		CUALITY Building at the lowest prices, additions, garages, repairs, roofing, ce-	FOUNDATIONS	H.E. Edwards 437-9269	Completely dry in 1 hour.	houses & offices — also residential windows & wall washing "Professional	Fashion	FENCE CO.
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: wo	348-9578 after 6:00	229 N. Mill St. South Lyon	It costs no more to get first class workmanship.	CRACKED BASEMENT WALLS REPLACED	EXCAVATING Septic systems.	(017)220-0077	DOCKS	ELECTRICAL	229-2339
mat	terial 227-1600 29	Phone 437-1383	FIRST PLACE WINNER of two National Awards, HAMILTON has been satisfying	SUPREME	basements, buildozing, top soil, sand and	CHIMNEY CLEANING	7.3 <u></u>	South Lyon	FLOOR SERVICE
	NEW! N	OW OPEN	customers for over 20 years You deal directly with the	construction co. 532-8181	gravel, driveway culverts, parking lots and sewers.	CHIMNEY SWEEP	DOCKS	Electrical Service	
	Sales — Pa	rts – Service	owner All work guaranteed and competitively-priced • FREE Estimates • Designs	For LUMBER, HARD-	NORTHVILLE 349-0116			Electric Wiring & Repair, Electric Heat, Residential	FLOOR SANDING Finishing, old and new
		GOOD'S	• Additions • Kitchens • Porch • Enclosures, etc. Hamilton	WARE, PAINT and a com- plete line of BUILDING	CARPENTRY	Burn wood? If so your chimney probably needs cleaning. Call	no swav. aulustable	Commercial, New, Remodel Vane Chenoweth	floors. H. BARSUHN 437-6522, if no answer
		vette – South Lyon	Custom Remodelers Call 559-5590 24 hrs	MATERIALS	CARR Carpentry Garages, roofing, aluminum siding,	for no mess sweeping	legs to 6 feet of water, permanent attached hardware, one time	437-6166 In Business 32 years.	EL 6-5762 Collect
	437-5555	437-5554	KENNETH NORTHRUP Sand & Gravel, Fill Dırt, Septic		trim gutters wood decks and suspended ceilings Free	with old fashioned charm.	assembly. Best price.	1 6	
	New Appliances Parts for all n	— Used Appliances nakes & models	Tanks, Drain Fields installed, Bulldozing, Basements Dug & Railroad Ties Brighton 227	Sat 8 to 4 56601 Granu River, New Hudson, 437-		769-1375	363-8453		
			6455 or 437-0014 tf	1423 REDDY	CREW Private jobs or custom	WHY	MOVE?	55965 G	rand River
	BARNS	— DECKS		JM SIDING	builders. Call before 8:00'a.m. or after 5:00 p.m.	I KEM	ODEL	GAF or C	on, Michigan
	Let Hardwood Asso	clates, specialist in post			437-0158	magee/mage	Designers Builders, Inc.		Products ofing Supplies
é i	and beam construct next BARN, DECK, o	ion, plan and build your		TOM BENDING	ROUGH and finish carpentry repairs and modernization	field. We offer complete and construction. For a	FREE ESTIMATE on your		g—Trim—Gutters ade to Order
	DON	LEWIS	& acc	ows, shutters, gutters essories to assist Do-It- Yourselfers	paneling and much more. Free estimates Call 1-517-546-752 3	PHIL	MAGEE	WE CATER TO DO	O-IT-YOURSELFERS
	For free estimates, li	censed builders.			ADDITIONS, Recreation rooms and Siding Jerry' Repair & Modernization (313	s / //	-5340 River — Brighton		OUR SPECIALS
; L		548-1083	WESTLAND 427-3309 36215 Joy	BRIGHTON Road Eves. 227-4554	437-6966				• 0

Roof Leaks Repaired

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UPHOLSTERY

Very good work, best of

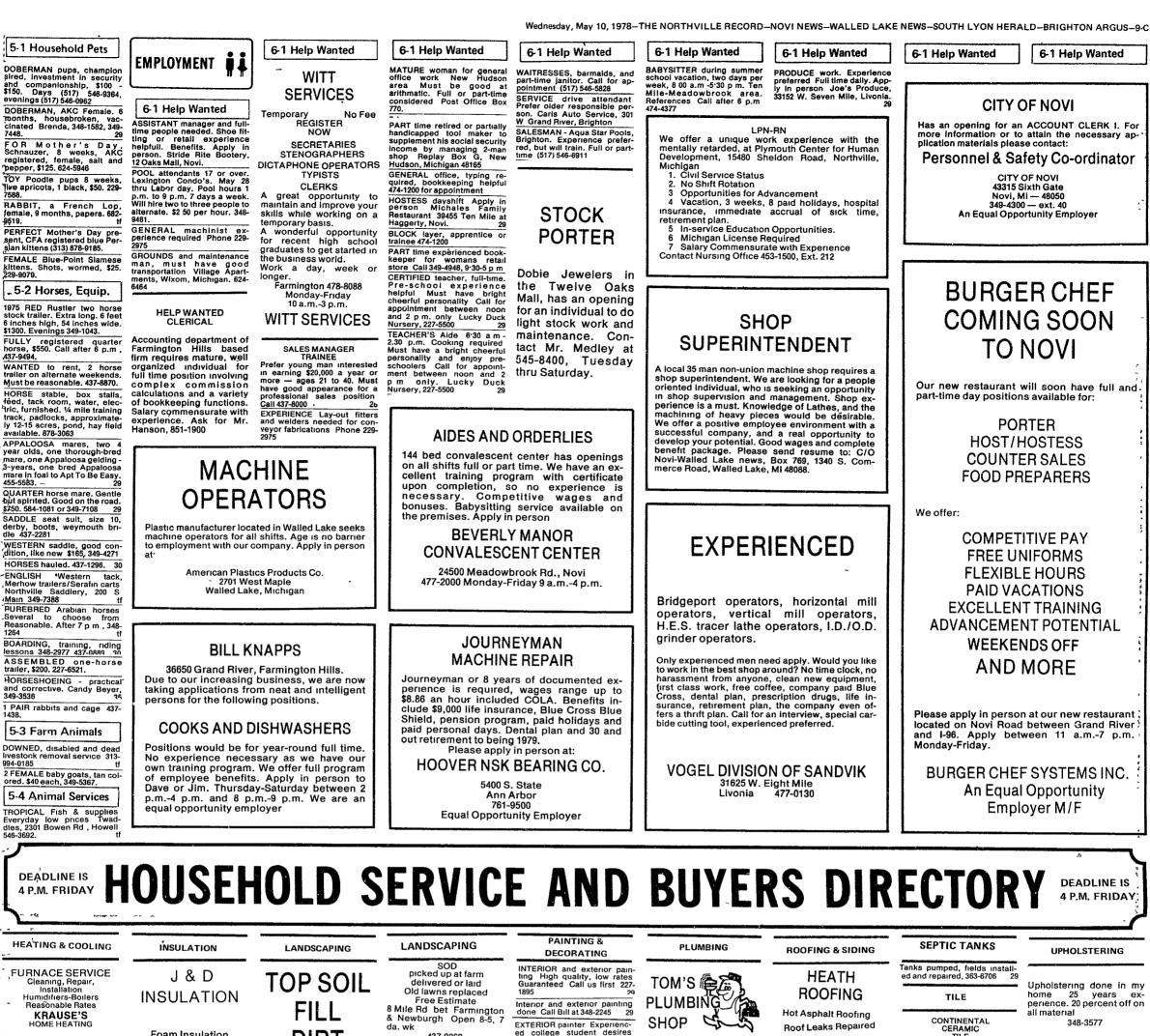
TILE COMPANY

Installation and sales of Euro-

pean Tiles, marble and win-dow sills 437-8544 28

TREE SERVICE

MOUNTAINTOP



Foam Insulation SERVICE 453-0228 Mastercharge Now is the best time to insulate your home. You get the benefits of year around comfort and lower

INSULATION \$ave \$ave

Fuel Bills too High?? Use Our Blowe FREE

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CALL (517) 546-8378

We also specialize in

Blown Cellulose



EXTERIOR painter Experienc-ed college student desires outside painting Reasonable Call days, 669-2481 30

BILL'S DECORATIONS

Interior & Exterior

Painting

Paper Hanging Plaster & Drywall Repair Novi 349-4751

da. wk

437-9269

OLD ORCHARD

Sod removal & installation. Shrubs removed & replac-ed. A Isoshrub maintenance program. 647-1426

MUSIC INSTRUCTION

DIRT

GRADING

437-2212

TOP SOIL

10:C-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-Wednesday, May 10, 1978

6-1 Help Wanted

6-1 Help Wanted

EXPERIENCED mechanic dealership 349 1409, ask for Jim.

6-1 Help Wanted

Maintenance man for

small industrial plant, in

Wixom area. Must have

knowledge in welding,

electrical, hydraulics

and machine repair.

Applicant must also be able to read blueprints.

and must be able to

work on his own. Send

Superior Products Co.

Attn: Sy Salinger

Wixom, MI 48096

GENERAL labor/secondary

operator, steady work Apply in person at Danice Manufac-

Street, South Lyon, Michigan

BRIDGEPORT

MILL HANDS

for series 1 and 2

machines. Both shifts. Top rates, paid Blue

Cross, life insurance and

363-1558

assemblers, two to three

years experience, overtime steady employment 349-6010

NEW car prep mechanic wanted for dealership. Ask io Jim. 349-1400. t

STATION attendant, part-time and one full-time. Novik Mobil, 60999 Grand River, New Hud-

TEMPORABLES

UNLIMITED

Secretaries

Dictaphone Typists Legal Typists PBX Switchboard

Call Judy

227-7651 or

478-8770

Northwestern

and Wixom Road.

Southfield, Mi. Apply in per

SURFACE GRINDER

GAS station help, part-time, weekends - part-time, mid-nights Apply Clark Gas Sta-tion, Brighton in person.

Washtenaw and

Highway

Need experienced: Keypunch Operators

Lake area.

SKILLED

Mill

Company,

49630 Martin Di

BUSDRIVERS AND AIDES

Divers start at \$4.16 (\$\$,97 after 90 days) four hour with а Preference minimum.

given to State Certified resume to: devers, but will train. Bas Aides start at \$3.30 (\$8.60 after 90 days). Il fringes. Northville Public Schools, 349-BABYSITTER wanted, my home, Kensington Trailer Park, call after 4:00 p.m., 437-3400 ext, 222.

WAITRESS, kitchen help, partne for the 1978 season DOT maintenance man -O-Link Golf Club 349-2723

BOOKKEEPER, full time posiavailable, good clerical needed, experience skills needed, experience preferred. Send Resume to Layev Insurance vey Insurance Agency, P O x 17, Pinckney, MI 48169 28 Bix 17, Pinckney, Missier REGISTERED nurses, for afternoon and midnight posi-tient wage and Excellent wage Health Center, 620 Byror d, Howell, Michigan, 517-548-1410. JANITOR wanted for part time

evening work, vicinity Nor-thuile Road and Six Mile, Nor-Call 875-7580, Monday the Friday, 9 00 a m. to 4.00

28 SKILLED machinest, two to thee years experience three years experience, over time, steady employment 349

LATHE **OPERATORS**

Top pay, paid holidays, vacation, Blue Cross Appn person

RRR-JJ JIG GRINDING

1480 US-23 (8 Mile south of M-59 Hartland)

GURL FRIDAY: Good local, to \$550

typist Operators For temporary jobs in Liv MATURE SECRETARY: A&ble to work ininaston. ependently, \$8,000 yr. **Oakland** Counties ECEPTIONIST/ NYPIST: Outgoing

uper sharp girl, \$650 -Excellent rates, no fee, no contract. PIST/GENERAL OF-CE: 55-wpm - \$625 up POSITION available in modern CRETARY: Good

kills, \$750 EXECUTIVE ASSIS ΤŜΑΝΤ: Excellent ecretarial skills \$850 -000

BOOKKEEPER/ ACC'TS RECEIVABLE-'TS PAYABLE-PAYROLL: \$3.75 hourly.

LES: Great company Must have 3 - 5 years ex-perience, excellent pay & start with for willing perience, excelle benefits 229-4111 workers \$125 plus commission WANTED service station at-tendants. Full and part-time. Report to Union 76 station I-96

ČFOR APPOINTMENT PLACEMENTS UNLIMITED 227-7651 478-8770

DESIGNERS AND LAYOUT

Openings available with a progressively growing corporation. Long term employ-ment. Good benefits. High rates. Call Jim rooks at 771-5110 for more information.

REAL ESTATE SALES PEOPLE WANTED Will train qualified ap-plicants. Can use two full time energetic people. Unlimited earning op-portunities Join our established Northville of-

fice, 31 years experience BRUCE ROY REALTY 349-8700

SECOND cook wanted Mus be 18 and experienced Male preferred No phone calls please, report in person bet-ween 9-11 a m Romanoff's ween 9-11 a m Romanoff's Catering Service, 5850 Pontiad Trall tf

RELIABLE MAN WITH EXPERIENCE IN TOOL ROOM

Saw man, shipping and receiving, tapping and deburring parts. Steady employment, overtime excellent pay and fringe benefits.

NORMAC INC.

720 E. Baseline Northville 349-2644 NURSE AIDS We will train responsible peo-ple as nurse aids. Come in for an interview between 9 a.m.

profit sharing. New air conditioned plant. Walled and 3 p.m. Whitehall Con-valescent Home, 43455 West 10 Mile, Novi. LPN Part time two days or two afternoons a week Phone for an interview 349-9628, Whitehall Convalescent Home, 43455 West 10 Mile, Novi machine

Novi RESTAURANT EXPERIENCED semi-truck driver. Must be 25. Call Hawkins Trucking, 887-3731. 28

HELP

ELIAS BROTHERS

BIG BOY now hiring for all ls restaurant positions on the day and night shift. We offer excellent wages and benefits.

Apply daily TWELVE OAKS MALL BIG BOY

located by Sears Department Store, I-96 and Novi Road. Equal Opportunity Employer M/F

PART time dental assistant fo busy general practice 349-8550.

HAIR dresser with clientele 669-2610, Walled Lake t BABYSITTER, my home, Wednesday and Friday, 8:30 to 5:30 Two girls, (5 and 2 years) \$30 per week 227-4306. POSITION available in modern dry cleaning shop Day hours, excellent pay and benefits Profit sharing plan, advance-ment opportunities Apply One Hour Martinizing in Nor-thville Plaza Mall, 7 Mile east of Northville Road MEN needed for various shop work in steel fabricating plant, medical benefits, New Hud-son area. 425-3000 EXPERIENCED pizza maker, cooks, bartenders, waitresses, dishwashers Ap-SWITCHBOARD Operator. Part-time weekends, will train. ply Little Cea Mile, Northville Ceasar's, Seven Part-time weekends, will train. Stouffer's Northland Inn, 21000

Livingstön County Women's program developer, B.A.'ın social science, or equivalent ex fulfil perience, must C.E.T.A. Title II re-quirements. Position available now. Call 229-6066 for information,

resumes to: BACK DOOR

DROP IN CENTER P.O Box 365 Brighton, MI 48116

SOCCER coach Call between 9 00 a m. & 5.00 p m. YMCA 685-3020 SWIMMING instructor for YM CA summer swimming pro-gram, WSI or equivalent Call

685-3020 AUTO parts counter man, Blue Cross, sick pay, vacation, life Insurance, other benefits Novi + Auto Parts, Novi. 349-

6-1 Help Wanted AVON

To buy or sell in Green Oak, Genoa, Marion, losco, & south of these townships, call 1-313-662-5049 or 227-9171. MATURE woman, afternoons to do house work and prepare evening meals Call 227-4108 after 6'00. 28

GOOD typist, busy phone, shorthand helpful, clerical dutles. Wixom area. 349-4200. FULL-time day waitress. App-ly in person, Little Chef Rest. Brighton. PLANT superintendent for wood window manufacturing. Experience desirable but not necessary. Send resume with salary expected to P.O. Box K-765, The Brighton Argus, 113 E. Grand River, Brighton,

Mich. 48116. CAR wash assistant manager trainee, days, full time, Nov area. 349-4420 28 MATURE babysitter wanted

MALUME Dabysitter wanted one day a week, 8 a.m. - 5:30 p.m., for two children ages one and three, transportation necessary, excellent salary. (Farmington Hills Area) 553-BAR maid for Friday, Saturday evenings, good pay 349-7038.

SURFACE GRINDER I.D. & O.D. GRINDER Lathe Hand - Experienced only MAYSĆO GAUGE & TOOL 2100 Winner Dr.

Walled Lake

624-1333

EXPERIENCED cook needed Good wages Apply in person Pepper Tree Restaurant 21420 Novi Rd , Novi 29

Die setup and material handling, progressive die, eyelet and second operation tooling. Full time program. Wages to equal ability. PROGRESSIVE

METAL

FORMING 10850 Hall Road Hamburg, Mich.

NURSE aides needed all shifts Full and part-time Flexible hourse for housewives Apply Oakhili Nursing Home, 34225 Grand River, Farm-ington, or call Mrs Menzel,

R N., 477-7373 YOUNG men and women bet-ween the ages of 16-18 years needed at the Brighton Cinemas Please apply in the evening

HANDYMAN, part-time. Apply 9-5 p m Monday-Friday, 349ə−opm 8411

UNUSUAL opportunity to develop part-time income Call 227-2611 between 4-6 p m for interview appointment. No WOMAN to baby-sit, my home. 9-6 p.m Lee Road area Call after 7 p m , 229-2205 MACHINE shop needs am-bitious steady sharp individual

for packing, shipping, clean-ing out machines and general all around shop labor. 437-6939 CAR wash assistant manager trainee Full time days 349-

4420 RN's, LPN's. Part-time, all shifts Apply Oakhill Nursing Home, 34225 Grand River, Far-mington or call Mrs. Menzel, R N 477-7373

PLAN your future, part-time, no investment. Call 459-9120. WE are now taking applica-tions for full time bus people and waitresses. Apply in per-son' Nugget Restaurant, 1024 E. Grand River, Brighton. 29 BOOKKEEPER, full time posi-BUONNELL BUILDER GOOD Clerical skills required, previous ex-perience helpful Lavey In-surance Agency, Pinckney, 29 **Real Estate** Salespersons Help! Help! Our sales are booming and we need additional salespeople immediately. We offer.

6-1 Help Wanted 6-1 Help Wanted PART-Time kitchen help 14 - 17 years old. Apply at Granmas Chicken, 9941 E. Grand River, ELECTRICIAN, immediate ELECTRICIAN, ministration opening for electrician. Re-quires possession of a journeyman electricians license and 2 years ex-perience. Salary range 38.63 to \$7.59 hourly. Excellent civil service benefits To apply Brighton. AMBITIOUS COUPLES service benefits To apply contact Hillcrest Regional Contact Hildrest Hegional Center, Personnel Office, (517) 546-3270. Interested in earning as

part-time. 227-9213. ONE Supervisor needed for this area Dutchmaid Clothing Party Plan Call 437-1649 Patricia Schmidt - Manager Midnight waitress, midnight and morning busperson.

SHAKLEE Distributors Full PEPPER TREE time, part time Bonus checks, car, health and retirement car. RESTAURANT

21420 Novi Road Northville Apply in person

pening requires 2 y erience assisting

DYE

REPAIR

MAN

With at least three

years experience. Far-

mington Hills. 474-0435

MILL Hand Bridgeport Mill, experienced on precision air-craft machining Afternoon shift. Fringe benefits: Quality Precision Products Livonia,

INSULATION of under ground sprinkler systems. 348-1220.

OPENINGS for experienced chine operators and sheet

metal mechanics 229-9155. 29

HAIR dresser, experienced, part time. Pettycoat Junction,

TELEPHONE ROOM SUPER-VISOR. TOP WAGES FOR TOP NOTCH PERSON C. CHRISTIE, 478-1300

IMMEDIATE

OPENINGS

for dishwashers and short

order cooks Also taking

applications for wait-

resses. Apply in person

JIMMY'S

RESTAURANT

& LOUNGE

106 S. Lafayette

South Lyon

437-2003

HOUSEKEEPER, live-in plus Must love children. References, 349-1245 or 422-

WANTED young man to install lawn sprinklers. Call between 3-7 p.m 349-7120.

591-3121.

476-2020.

at

7800

NEW IN TOWN? Get to know your neighbors while you sell high-MASON Plasterer, Immediate quality products. Flexi-2 years ex ble hours. Top \$. Call skilled trades people in the mason Mrs. Hoerig, 425-8989.

trades people in the masonry and/or plastering trade or completion of a recognized program in vocational training in the Masonry-Plastering trade. Salary range \$5.59 to \$6.49, Excellent civil service benefits To apply contact Hillcrest Regional Center, Personnel Office, (517) 546-3270 INSPECTOR AERO-SPACE job shop needs inspector with 1 - 2 years ex-perience, for afternoon shift. Good opportunity to learn all procedures of inspection, in-cluding lay out, final and first plece. Quality Precision Pro-ducts, Livonia, 581-3121 PAPT-time, below small PART-time help, small restaurant, must be 18 or older. 437-6659 after 3:00. tf EXPERIENCED help wanted sod farm, manager po tion, must be 18 or over. 437-

much as \$1,000 a month

Superior products 349

AVON

2026 PERSONAL Finance Company will train qualified applicant for general office. Employment benefits include: free medical and life insurance - sick leave personal leave - retirement and disability plans, family benefits op-tional Rapid promotion for aggressive individual Apply 680 W Grand River Brighton

CHEF for full food service din ing room. Good pay & working conditions. Send resume to: P.O. Box K 767, Brighton, Mi 58116. DISHWASHER - 7 a.m. - 3 p.m. Palace Restaurant, 333 E. Main Northville.

FOR supplementary income, immediate open-ings, part-time, early morning hrs. Newspaper routes available in Dexter, Howell,

Fowlerville, Hartland, Brighton, South Lyon, New Hudson areas. Commission and car allowance. Must have dependable car.

(517)-546-5979 or call (313)-

483-0090 collect.

6-2 Situations Wanted RELIABLE - Ten years ex perienced painter, needs work Reasonable rates Also 229-8279 hanging. Brighton YOUNG Christian woman.

light housekeeping. References, dependable, reasonable Carrie 348-1613 ROTO-TILLING, small gardens Reasonable, free estimates. 420-0071 after 4:30 28

SPRING cleaning, ceilings, walls, floors, windows, yard work Mike, 437-1297 28 GIRL - 13, would like babysit-ting jobs in Northville area. 349-7324. ask for Kris.

WILL do baby-sitting. 437-8866 31 BABY-SITTING done, Novi area, 474-3482

TRASH hauling and driveway grading, 349-1757. RONING in your home, ex-perienced, Northville or

14-ft Elgin boat, wood, 18 horse power, Evinrude, with trailer and top, \$850. 437-2882 BOAT, motor and 363-4422

517-546-0187.

trailer Reasonable price. 624-1799 14 FT aluminun

pontoon, orange trim, with 50-HP electric start Evinrude 1-

7-4 Campers, Trailers

1977 pop-up camper, used 3 times, \$1,900. 437-6659 ti

times, \$1,900.437-8859 tt 73 DODGE motor home, 19 foot self-contained, sleeps 6, power steering and brakes, air conditioned, very clean. See to appreciate \$7,600 227-3171.

PICK-UP covers and custom caps from \$139 Recreational vehicle storage Parts and ac-cessories 8976 W Seven Mile at Currie Northville, 349-4470

and Equipment

7-4 Campers, Trailers and Equipment

19/3 KAWASAKI 90 dirt bik 1972 EXECUTIVE 28-ft., 29,000 miles, rear bath, 5,000 generator, 2-roof air, awning, 65-gailon gas, \$14,600. Even-ings, 229-8739, days, 478-3380. dition. \$225, 227-5251 RD 350 Yamaha, excellent con-dition, only 2600 miles Cal 71 Honda 450. Good condi-tion, \$375. 229-7974. FOR rent. Pop-up trailer Sleeps 4 349-0660 ti 1974 HONDA 360 CB, many ex-tras, excellent condition, \$649. 685-1946. 1971 DODGE Winnebago motor home, \$8500. G E. Miller Dodge, 127 Hutoon, Northville, 349-0660

KAWASAKI 500. Good condi-tion, \$800. Before 1 p m , 348-2686 1975 TRAVEL trailer, fully equipped, air conditioned

Service

ENGINE

TUNE-UP

SPECIAL

Includes: Installation of

Autolite sparkplugs, Motorcraft point set and

Motorcraft condenser: in-

spection of choke, throttle

linkage, sparkplug wires and distributor cap: ad-

justment of carburetor and timing. Fours and solid

less. Econolines slightly

Total Special

Price Parts and Labor

\$7.72

FORDS ONLY

6 cylinder 28.42 8 cylinder 34.02

Any applicable taxes ex-tra. VALID MAY and JUNE.

Northvule

349-1400

74 GMC Jimmy loaded, ,700. (517) 223-8510. 30

1977 GMC Step-side pickup, \$3,800 After 4 p m 685-9489_29

7-7 Trucks

Call Monday

437-3636

thru Saturday

N. 10 Mile Rd.

2 Miles West

of S. Lyon

ignitions slightly

state

more

1978

7-7 Trucks

348-9622.

\$800. 349-4240

dition.

miles

4652

229-9155.

tf

1975 DODGE four wheel drive,

1975 DUDge rou, side boxes, 34 ton pickup, side boxes, Myers blade, \$4,100 or offer.

TWO 8 foot tool boxes for pick-up truck, plumber's dream, make offer 313-227-2350 tf

CHEVROLET, 1977 Suburban Silverado. 4 wheel drive, 21 options. Excellent condition

75 CHEVY Luv pickup, with ex-tra tires, carpeted, cap, tape deck. \$2500 or best offer. 349-5519 after 5:30.

1974 FORD 1/2 ton pick-up, V-8, \$1,200. 1973 Gran Fury, 4 door,

73 CHEVY 1/2 ton, V-8, stick, Zeibart, \$1600. 437-0695 after 5

971 FORD F100 ½ ton pickup. Runs good needs body work. \$600. Call 349-4142

FORD pickup, 1977. Currief, under 18,000 miles, 5 speed, radio. 453-3558.

73 FORD pickup truck Automatic, low mileage, ex-cellent condition includes 8 ft

1977 GMC 1 ton truck, 349-1757

1975 FORD pickup, Camper's Special. Dual tank, very clean, \$3100. 437-6911.

7-7A Vans

1972 FORD Econoline E-100. 6 cylinder, stick shift, 31,000

needs some body work. \$975

cylinder, stick snin, ..., miles Good mechanically, 4 mork, \$975.

229-6155. BEAUVILLE 1977, 12 passenger, air conditioned; power steering and brakes, cruise, posi-traction, am-fm \$6,450 or best offer. 227-8867.

1976 DODGE Van, fully equip ped, 24,000 miles, very share

ped, 24,000 miles, very sharp, must sell. 229-4111

ICE boxes \$25, barrel seals \$20; tire carriers \$10, Miscellaneous Van items 348-1 4652

1969 FORD Van, \$700 6084 Briggs Lake Rd., Brighton, after 6 p.m.

1970 DODGE van, 42,000 miles \$500 or best offer. 437-8946 bet-1

177 GMC van, Gaucho AM-⊢M

stereo cassette, 404 automatic, air conditioning

power steering, power, brakes, captains chairs, ET.

mags, radials, cruise, tilt wheel. 878-9121.

1968 FORD Van 6-cylinder stick, set-up for camping, \$600 227-7819

1975 CHEVY Malibu Classic, 251 door, hardtop. 349-1755.

72 MERCURY Montego, 9 passenger wagon. 351 V8,; auto, air, power steering, power brakes. \$950 229-9607,

1967 OLDS Station Wagon power steering, power; brakes, air, excellent condi-tion, \$425 or make offer Afters 4 p.m. 1-517 546-7464

1977 IMPALA 9-passenger wagon, nineteen options, \$4,800. (313) 624-9329.

75 CORDOBA, Good condi-tion, air, stereo, all power, rear window defogger \$2700.-220.6989 atter 4

76 VOLAIRE Wagon, auto, alf, excellent condition 4 new tires, \$3200. 348-1289.

75 MAVERICK 6 cylinder, automatic, power steering, 437-5464

Complete

Radiator &

Heater Service

lune-ups, brakes

Exhaust Systems

Air Conditioning

Gas Tanks

229-6898 after 4.

H & MRADIATOR

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H & M Radiator

ween 6.00 and 8.00 p.m.

7-8 Autos

Thursda

29.3

6084

4003

camper. Also in excellent

Sleeps

after 5 p m 229-2305

227-2350 or (517) 546-9376.

up truck, plumber's d make offer. 313-227-2350

437-0014. TWO 75 Kawasaki 100 dual range transmition, on and off road bikes. Low mileage, ex-cellent condition, \$400 each. FOR rent, motor home Fully self-contained Sleeps 6 349-

0660 1971 TERRY, 23 feet, sleeps 8, HONDA, 1972, 500, 4 cylinder, well maintained, good stock condition. New battery, chain, and tune-up, \$700 449-2744. tully self-contained, \$1,950. 227-6235.

1965 GARWAY traller, pop-up trailer, 11 ft. truck camper (Karibou) 624-1764 after 5 p.m. MOTORCYCLES, '77 Y Z 80395 and '76 YZ 300, excellent con-dition, 437-1476. 20-ft. CHAMPION motor home self-contained, many extras, sleeps 6, excellent condition. 1975 YAMAHA Enduro, 175 CC

low mileage, excellent condi-tion, \$470. 437 - 2882. 227-3733. 8 FT. camper for 1/2 ton truck. 1973 SUZUKE TS-185 in mint condition. Must see to ap-Sleeps 4, good condition. Call after 6 p.m (517) 546-3032 condition. Must preciate. 363-8614.

1976 YAMAHA 650 2000 miles, excellent condition \$1,200 887-3462, after 5:30 p m BONANZA, 1971 travel trailer. 7 ft., self-contained. Ex-cellent condition, \$1,395. 349-1530.

7-1 Motorcycles

227-9484.

(517) 546-3032

76 YAMAHA 250 Enduro, 700 miles, \$650 or best offer. 437-OVER-cab aluminum camper shell for any 8' bed pickup. Fully insulated, propane heater and tank Very good condition. Asking \$450, 437-1864 2942 after 5 p m 1976 HONDA 400-4-SS farring. Low miles, \$900. 437-6171. 1975 SUZUKI TM-125. Lots of extras. 453-5332 CAMPER shell for 34 ton pickup, very good condition 1972 LTD 349-5909 73 SUZUKI GT-750 New con-dition. Vetter fairing with lowers. Luggage rack with back rest Many extras \$1,150 227-5995 after 6 p,m 7-5 Auto Parts and

SUZUKI & HONDA SERVICE

1 day service on most motorcycles. Call Steve for appointment.

Moore's Motor Sport 21001 Pontiac South Lyon, 437-2083

THE LAST LAST CHANCE

SALE **NEW SUZUKIS**

> GT250 - \$659 GT380 - \$799 TC100 - \$459 TC125 - \$579 GS400X - \$899 GS400B - \$1099

GS550 - \$1419 (All prices plus applicable fees

> MOORE'S MOTOR SPORT 21001 Pontiac Trail

South Lyon—437-2083 John Mach Ford 550 W. Seven Mile

5th Street,

7-3 Boats and Equipment 15 ft. CHRYSLER sailboat. Ex-cellent condition, \$950 2.7-

12 FT row boat, flat bottom, oars and anchor. Used 4 times, \$325 new, sell for \$195, 227-7158

12 FOOT heavy gauge aluminum boat, 3-seats; wood

motor mount, like new, \$225 See at 205 N 5th Street

BOAT trailer with hoist, \$100 Brighton 227-6521.

15 FT. double bottom fiberglas boat, 35 H P Johnson, 1,000 lb trailer \$400

ALUMINUM Pram or John Boat 10 ft A.C Taylor, 615 N. 2nd St. Brighton, 227-7412.

BOAT, motor & trailer. 14 foot Browning with 50 horsepower Evinrude, \$1,500 229-7726 before 5:30 p.m.

12 FOOT hydro-plane, Aristo Craft with a 25 horsepower Evinrude motor that is repairable, with trailer. \$225. 229-7112

Brighton 227-7471

227-2862.

2712

HOW MUCH ARE YOU WORTH?

You may or may not be living up to your potential. If you would like a career op-portunity with unlimited earnings, we would like to talk to you. We are an all line insurance company selling automobile, home owners, life insurance and many other lines. \$1,000 per month starting pay. Training and licensing provided, no selling experience necessary. For a conflectential interview, call Dan English at 313-732-3770.

TURRET LATHE TRAINEE

Some shop experience required. Apply betveen 12 noon and 3:00 p.m.

Good wages-Good benefits

NEW HUDSON CORP. 57077 Pontiac Trail New Hudson, Mich. Equal Opportunity Employer

MANUFACTURING **DESIGN ENGINEER**

A nationally known electric motor manufacturing company has opening for a manufacturing engineer experienced in analyzing engineering drawings to determine the facilities, tooling, and processes required to manufacture parts across all types of metal working machines. Requires experience in design of fixtures, jigs, gauges, and special cutting tools. A thorough knowledge of manufacturing operations desirable. Associate degree in Manufacturing Engineering Technology or equivalent with three to five years experience. Call for appointment.

> ELECTRIC APPARATUS COMPANY 409 N. Roosevelt, Howell 546-0520 Equal Opportunity Employer

INSURANCE ADJUSTER CITIZENS INSURANCE COM-

2800

PANY currently has an open-ing in its Howel! Branch office for an inside adjuster. Basic auto policy, material damage, and P I P. experience necessary, multi knowledge helpfui, for 8 County Central Michigan area. Good op-portunity for advancement, Excellent benefit package in-cluding pension and profit sharing. If interested please send Resume in confidence or call. Don Charron, Branch Manager, 2418 East Grand River, Howell, Mich. 48843, 1-517-546-7300. An equal op-portunity affirmative action amblover. for an inside adjuster. Basic nevolama.

Full time waitress position now available and outside maintenance help. Please apply in person at:

BROOKLANE GOLF COURSE

On the corner of Sheldon and Six Mile Road, Northville.

TEACHER, born again Chris-tian high school teacher with English and Social Studies certification with supervisory ability 887-1218 28

HIGHLY SKILLED? See our yellow pages ad. We're growing and would like your applica-tion. Haviland Printing We & Graphic's, Howell

REAL ESTATE SALES

Earn top commissions, no limits to earnings, two marvels working for Call 437-8111 or 227-1120, or apply in person At; All American Realty Inc., 1046 E. Grand River, Brighton, or 6009 Seven Mile corner of Pontiac Trail, South Lyon.

incentive sales program hospital & insurance benefits

free training other optional extras Call now-

Real Estate Two, Inc. 349-6550

RUBBER Maid party plan needs demonstrators, part or fuil time No collecting! No packing! No delivery! Top commissions! Call 363-3077 tf BRIGHTON Big Boy needs dishwasher and waitress for afternoons and midnights, cooks for days. Must be 18. Apply in person SUBSTITUTE Teacher needed for Northville Public Schools, grades K-12 Contact Dr Knighton, 349-3400 ext 220 28 R N Camp nurse for Easter Seals camp for handicapped children and adults. (313) 878-EXPERIENCED saleswoman

OFFICE HELP NEEDED

Busy South Lyon office has permanent part time opening. Must be mature, like working with people and be extremely depen-dable. Position will require 16-18 hours per week to start including 31/2 hours on Saturday. Send resume for confidential considera-tion to P.O. Box 251, South Lyon, Michigan 48178. An Equal Opportunity Employer

no investment. Call 459-9120. SECRETARY. Full time for small machine shop, 1 girl of-fice, Livonia area Must be ex-perienced with payroll and peg board system. Job will in-clude some typing, filing and many minor duties. Wages will depend on ability and ex-perience. Quality Precission Products, 36761 Amrhein Road. 591-3121.

FULL time employee. Land-scape construction. Must be 18. 437-8292.

NEW growing dealership needs 2 body men, 2 mechanics, 1 painter. Apply in person. Gary Underwood Chevrolet, 603 W. Grand River, Brighton

BRIDGEPORT MILL OPERATOR

Top pay, paid holidays, vacation, Blue Cross. Apply in person

RRR-JJ JIG GRINDING

1480 US-23 (8 Mile south of M-59 Hartland)

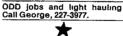
JANITOR and handyman. App-ly in person, Brighton Bowl, 9871 E. Grand River, Brighton. CAMP cook for Easter Seals camp for handicapped children and adults. (313) 878-5300. 28 SALESPERSON experienced in men's finer clothing. Full and part time. Salary commensurate with experience. Mr. Lapham, 349-5175, Northville

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LUMBER Truss Incorporated Pole building specialist, year round building 313-229-6050 tf 7-1 Motorcycles

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CL-125-S HONDA less than /00 miles, adult driven, good beginners bike, mint condi-tion, with windshield, \$475. 229-5859.

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Wednesday, May 10, 1978-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-11-C



12 C-THE NORTHVILLE RECORD-NOVI NEWS-WALLED LAKE NEWS-SOUTH LYON HERALD-BRIGHTON ARGUS-Wednesday, May 10, 1978

7-8 Autos

1977 CORVETTE. Silver ex-terior and interior. Automatic, air, rack, am-fm stereo, cruise. \$9,000. 227-3738 1971 OLDS 98, 2 door hardtop, full power and air, good condi-tion, best offer. 455-7688

1976 GMC 9 passenger Subur-ban, sharp, full power, dual air, \$5,850 or best offer. After 5 00 p.m. 437-0418 29 1975 BUICK Skylark Hat-chback, 350 cubic inch, \$2,750 437-6865 after 4 00 p m

1973 CHEVY station wagon, 9 passenger, air, snow tires, \$1,000 227-9975 after 6 00 p.m. 1972 VEGA for parts, rebuilt

1976 PINTO Runabout, automatic, air, power steer-ing, power brakes, many other options, \$2,295 229-4102

1976 MUSTANG, mag wheels, front and rear spollers, stick shift. Asking \$2,900 437-2579 1977 CHEVELLE wagon, power steering, power brakes, air, cruise, 19,000 miles 517-546-7482 29

 Page
 25

 BUICK Century, 1975, air, automatic, 2 door, 30,00 miles, Michelin tires, 6 cylinder, no rust, excellent condition, \$2,995 449-4631 or 437-6078 tf
 GRAN Torino, 1972, auto, power steering, power brakes, 302, radio, new ex-haust system, \$995 437-8669 after 6 00 p m

1969 VW squareback, runs, needs some minor repair, moving, will sell at low price, call 437-3642 after 6:30 p m 1974 PONTIAC, four door, air, power steering, power brakes, low mileage, call after 5 p m 229-2620

engine, transmission, shocks, good tires, runs well, \$200. 227-7571. 1973 LUXURY Pontiac LeMans air, power steering, power brakes, steel beited radials, rally wheels, am/fm radio, ex-cellent condition, \$1,850. (313) 348-2253 1962 CHRYSLER, looks good, runs good, \$300 229-2753. 1976 VW Rabbit 4-door, low miles, rust-proofed, am/fm, \$3,400 349-9004. 72 BUICK Electra, one owner, 43,000 miles, excellent condi-tion, call after 12 00 noon. 348-1365

7-8 Autos

Before buying a

Used Car see

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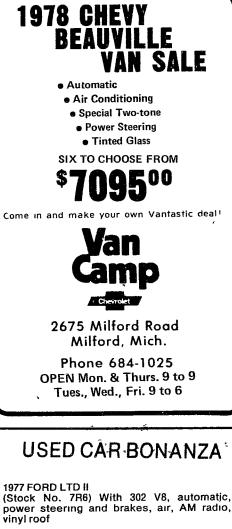
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1976 TORINO WAGON (Stock No. WU545) V-8, automatic, air conditioning, radio, 8 passenger

1976 MONARCH (Stock No. 8T68A) 2-door, V-8, automatic, stereo, air

1976 VOLARE (Stock No. WU548) Wagon, 6 cylinder, automatic, air, radio

1976 GRAN TORINO (Stock No. WU542) 4-door, V-8, automatic, p.s., p.b., radio

1977 FORD THUNDERBIRD (Stock No. WU 549) Dark Blue, loaded

1977 GRAN MARQUIS (Stock No. 7M34) Loaded, cream color

1973 FORD PINTO (Stock No. 8F207A) Two-door, good transportation

TRUCKS

1974 FORD VAN (Stock No. 8T411A)

1976 FORD F250 4x4 (Stock No. 8T400A) With plow. Power steering, power brakes, 360, auto.

1974 FORD F100 (Stock No. 8T446A) Black with white top, automatic, V-8

1974 CHEVY 1/2 TON (Stock No. 8T174A) Radio, stick, six

1974 FORD VAN (Stock No. 8T165A) 34 ton, stick, radio

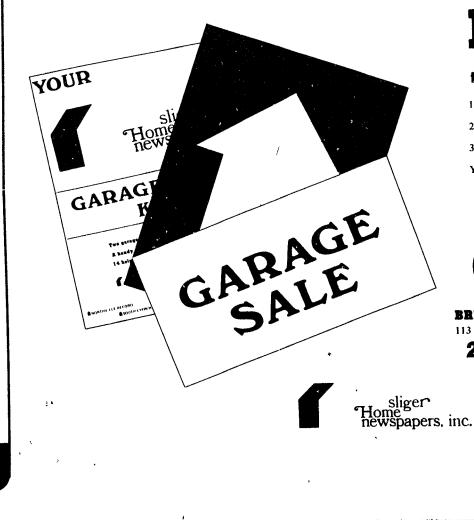


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NOVI NEWS/WALLED LAKE NEWS 1340 S. Commerce Rd., Walled Lake, 348-3024 or 669-2121

348-3022

Twister!

Research unearths new findings on tornado safety

An. Eastern Michigan University climatologist has unearthed some new evidence about southeastern-Michigan rnadoes - evidence which may hange the best places of shelter in homes and public buildings.

According to George Howe, most tornadoes which touch down in southeastern Michigan move from the west or northwest toward the east or southeast. "This could be an important consideration in knowing where the safest part of a building is," he says.

Howe notes that the vast majority of the nation's tornadoes - about 85 percent - come out of the southwest; thus meteorologists have advised people in the path of a twister to seek shelter in that corner of their basement or other dwelling. But recent findings warn that the places traditionally deemed the safest may, in fact, be the most dangerous places to be should a tornado hit.

"Most recent studies and evidence indicate that the part of the building opposite the direction the tornado is coming is the safest," Howe says. "This is based partly on the fact that we know the majority of damage is done by winds rather than the pressure differential; the strongest winds would be on the 'right-hand side' of the tornado track.'

Michigan Mirror

southeastern Michigan between 1951 and 1975 came out of the west or northwest This means that the safest place for most Michigan residents living in this area is the east side of the basement or lowest floor. Elsewhere in the lower peninsula, the best shelter is the northeast corner or north wall of the basement, since tornadoes in the rest of the state usually come out of the southwest.

Nationally, the peak months for tornadoes are April and May, when weather conditions are the most unstable. Although most of Michigan shares similar tornado statistics, southeastern Michigan is a different animal.

"The eastward and southeastward. moving tornadoes occur most frequently in June and July," Howe says, "so the greatest risk in southeastern Michigan is during that two-month period.

June, he says, is the biggest month for tornadoes in this region. More than a third of the 92 tornadoes reported in southeastern Michigan in the past 25 years have touched down in June. The others were evenly distributed from April through August.

Howe, one of the state's foremost tornado authorities, sees siren warning systems as a futile attempt at protec-

effective, he says, because they usually cannot warn people in time and often cannot reach enough people in the tornado's path.

"The possibility of a damaging tornado in any year or any month is rather small for any point or small area," he explains, "and the time available is so short once a tornado is sighted. It's better for people to note that they are in a tornado watch area and keep an eye on weather conditions.'

If people under a tornado watch keep an eye on the sky, they probably will be able to take action on their own, he says.

"The indications are that one would have a minute or two by the time you hear the sound - a sound which usually sounds much like a low-flying jet airplane.'

Once the thunderous sound of an approaching twister is heard, Howe advises people to "dive for the safest place in the house" and not to spend valuable moments opening windows, which was thought to be an important safety measure. Windows are usually the weakest part of the structure, anyway, he says.

Recent studies of schools, homes and other buildings destroyed by tornadoes have shown that the most dangerous locations are the windward walls - the walls which receive the heaviest

Howe reports that 59 percent of the ting people from twisters. Sirens are in-tornadoes which touched down in effective, he says, because they usually reach 300 miles an hour. The glass, brick and block which make up the windward walls of dwellings will be blown into the interior of the building, while less damage will be done to the

walls on the leeward side. People also should avoid all northsouth corridors or halls, since tornadoes can send debris flying down them like deadly missiles.

"For most of Michigan," he says. "the first thing to do would be to designate the safest areas in homes and public buildings so that people could move quickly to them should a tornado appear on the horizon. It is also important to be alert if a watch is issued in one's area."

The superintendent of the Parker, Indiana schools wrote this chilling account of the April 3, 1974, twister which destroyed his Monroe Central School: "Those in the building had about two or three minutes prior warning before the tornado struck. I walked about 50 feet and was approaching my car. I heard this terrific noise. It sounded like 50 jet airplanes treetop high. I glanced over my shoulder to the southwest and saw this mammouth black cloud rapidly approaching. I froze for an instant. Then, realizing it was a tornado, I ran back into the building yelling and shouting to others of the approaching danger... Fortunately, a tornado drill had been

conducted at the Monroe Central School on April 2 — the day before the devastating storm. When the tornado hit, the students had gone home; the

staff went quickly to a pre-selected area and escaped with slight injuries. The building was a total loss and later was completely demolished.



Another Constitutional convention? By Warren M. Hoyt Only seven of a proposed 13 amendgram which could employ around 6,000 Never let it be said the Legislature

LANSING - Should Michigan haveanother Constitutional convention? Voters will decide that question when

they go to the poll this November as the question will be on the ballot automatically as required by the 1963 Constitution which provides a determination by the electorate every 16 years

If approved, the convention would convene in Lansing on October 3, 1979, or earlier if provided by law.

Constitutional conventions in the state are unlimited to subject matter which could result in an entirely new Constitution or specific amendments to the 1963 doctrine.

The current state Constitution, compared to other states, is relatively new, ess cumbersome and has been amended less frequently The average median age of state constitutions is 88 years compared to Michigan's 14 year old document.

ments have been approved by the voters. Approved amendments include the establishment of the Judicial Tenure Commission; establishing the State Officers Compensation Commission, prohibiting public aid to nonpublic schools and students; allowing the Legislature to authorize lotteries and exempting food and prescription drugs from the sales tax.

Cost of a proposed Constitutional convention in 1979 could cost taxpayers an estimated \$9 to \$10 million with the cost of delegate expenses, staff salaries, rent, equipment, office expenses, printing, etc.

The Legislature has taken the first step to appropriate \$5 million for a summer job program for conservation related employment for persons 15 to 21 years of age

With recent Senate approval, the House will consider legislation immediately following the spring recess to budget the funds for a second year prosummer employees

The funds will be allocated $\frac{1}{3}$ to the Department of Natural Resources sponsored projects and 2/3 to local units of government for local projects.

Local units this year were expanded from city, village, township and county to also include local or intermediate school districts, public housing commissions, regional park authorities and community action agencies.

The legislation is designed specifically to put the appropriated funds directly into the pockets of the student-employees. No more than 15 percent of the funds received under the program can be used by the governmental unit for administrative and equipment costs, thus guaranteeing that the remaining 85 percent will go directly to pay wages.

does not dabble in any subject.

The Michigan House of Representatives has recently approved a bill to prohibit state health officials from prohibiting or restricting potluck dinners sponsored by non-profit groups.

The bill followed publicized incidents where health officials used food sanitation standards to prohibit such benefit dinners.

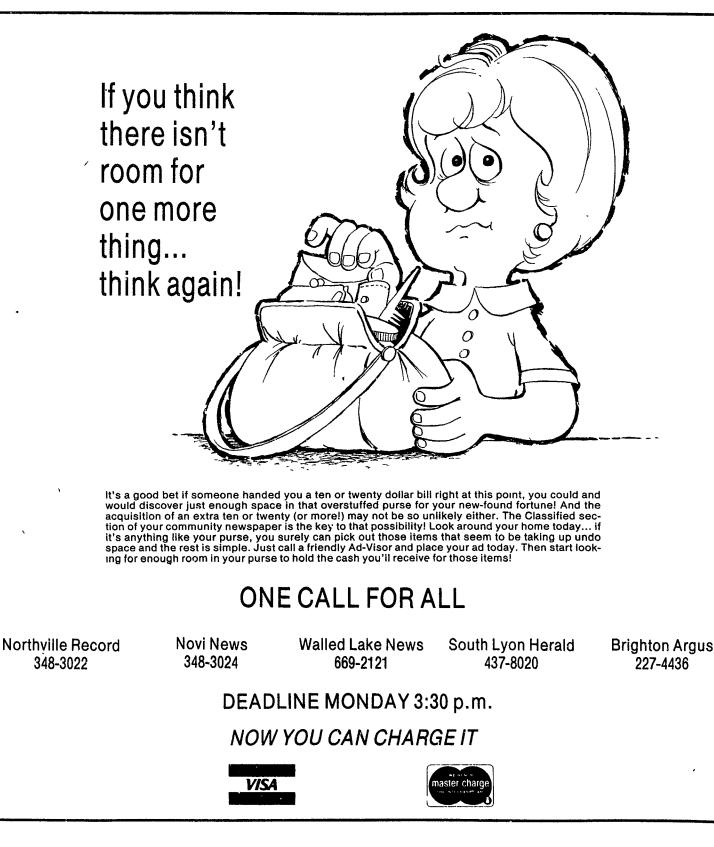
Under the bill sponsored by Rep. Stanley Powell (R-Ionia), potluck suppers and bake sales, held by non-profit organizations, would be exempt from the provisions of the food service sanitation act. The act requires that food served to the general public be prepared in licensed and approved kitchens.

The bill was requested of Powell by his wife, Eleanor, who has been cooking for potluck suppers since 1921.

CLASSIFIED AD DEADLINE MONDAY 3:30 P.M.

sliger Home newspapers

Saturday Discount Offer for Limited Time Residential Accounts Only



Morel crop's late this year

This year's crop of pearing in more northerly trend should insure a fairmorels will be late parts of the state by the ly good morel crop. . because of cooler than middle or end of May," he normal spring weather. added

"With the rising onularity The critical factors mushroom hunting, ingoverning the quantity, dividual hunters may quality and arrival time have a tougher time colof the annual morel crop lecting large quantities of the tasy fungi," he said. "To be safe," Beneke Soil moisture condiadvises, "it's best to get a good illustrated field book or advice from an expert heavy winter snowfall and recent rains, he said, before picking and eating wild mushrooms."

said Dr. Everett Beneke, mycologist at Michigan State University. "Last year," Beneke

said, "morels began are temperature and emerging in central rainfall, Beneke said. Michigan by the middle of April, but this year's crop tions are good because of will not appear until early May. and recent rams, ne saw, "Morels will begin ap-



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The Northville Record

1-1

Wednesday, May 10, 1978

Our Town

300 Applaud at tribute

Dr. Russell Atchison steals his own show

Last Saturday night 300 people gathered to pay tribute to a man who chose to become a physician rather than a lawyer or minister.

The response of the capacity crowd filling Meadowbrook Country Club to honor Dr. Russell McRae Atchison during his 40th year as a general practitioner in Northville left no doubt he made the right decision.

; While Dr. Atchison knew the dinner-dance celebration was being arranged by family, friends and patients, he was the surprised recipient of a Congressional citation presented by Congressman Carl Pursell. State Senator Robert Geake presented state honors from the legislature and Governor William Milliken. There also was a letter from former President Gerald Ford.

The dignified, genial physician broke into a wide smile when Williams Davis unveiled a 1-16th scale model of his SS-100 Jaguar made by his son, Matthew Davis, who is 17. Dr. Atchison calls sports cars his "lone" hobby. Climaxing the presentations was a group gift, which included contributions from many unable to attend, of a 10-day trip to Hawaii for the Atchisons.

His sister, Jeanne Ambler, presented it symbolically with a pineapple on a tray. Her husband, Richard Ambler, was master of ceremonies during the brief presentations. A memento of the evening was an engraved plaque from friends and patients which included the picture of Dr. Atchison in his office.

But the outstanding speaker of the evening was Dr. Atchison himself who humorously recalled early days when he joined his father, Dr. R. E. Atchison, in practice in 1937 in the offices at 501 West Dunlap he now occupies with Dr. Robert G. Wetterstroem and Dr. Orlo J. Robinson as the Doctors' Clinic.

Dr. Atchison had just completed one year of residency at University of Michigan medical school. Before

Continued on Page 6-D







Celebrating

Introducing



40 years of practice

Photos by Jim Galbraith

While master of ceremonies Richard Ambler looks on, Dr. Atchison's sister, Jeanne Ambler brings in a pineapple on a tray, symbolic of the group gift of a trip to Hawaii for the couple, top above.

Major Richard M. Atchison of Washington, D.C., salutes his parents, above right.

Dr. Atchison and his wife, above left, admire scale-model Jaguar made by Matthew Davis.

Congressman Carl Pursell, at left, presents a copy of the Congressional Record citation.



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Lapham-Taylor vows read in home

Mary Elizabeth Lapham and Jack E. Taylor exchanged marriage vows in a 7 p.m. ceremony last Saturday at the home of Mrs. Lapham's son and daughter-in-law, the Charles Laphams on Grasmere in Northville Estates with only members of their families attending

The Reverend Lloyd Brasure of First Presbyterian Church officiated at the single ring service.

. Beth Lapham is virtually a life resident of Northville, coming to the com-

In Our Town

munity when her father, Charles Ponsford, bought the family business on Main Street.

Her husband is a retired banker. He was at the National Bank of Detroit office in Plymouth for 31 years, going to the Rochester branch afterward and retiring to East Tawas from there.

The Taylor and Lapham families have been friends for many years. It is a second marriage for both

Jack E. Taylor, Jr., of Port Huron,

only child of the bridegroom, was best a dinner for their families at the Round man for his father.

Charles and James are sons of the bride.

Terry Lapham wore a long, beige gown as she served as her grandmother's attendant.

The new Mrs. Taylor wore a long gown of aqua silk fashioned with a mandarin collar. It and the sleeves were edged with beading. After the ceremony the couple hosted

and close friends at the Charles Lapham home.

Table Club in Plymouth.

After June 1 the couple expects to spend the summer in East Tawas at 587 Pine Lane. They plan to spend winters in Stuart, Florida

Sunday afternoon Mr. and Mrs.

Charles Lapham, Mr. and Mrs. James

Lapham and Mr. and Mrs. Jack E.

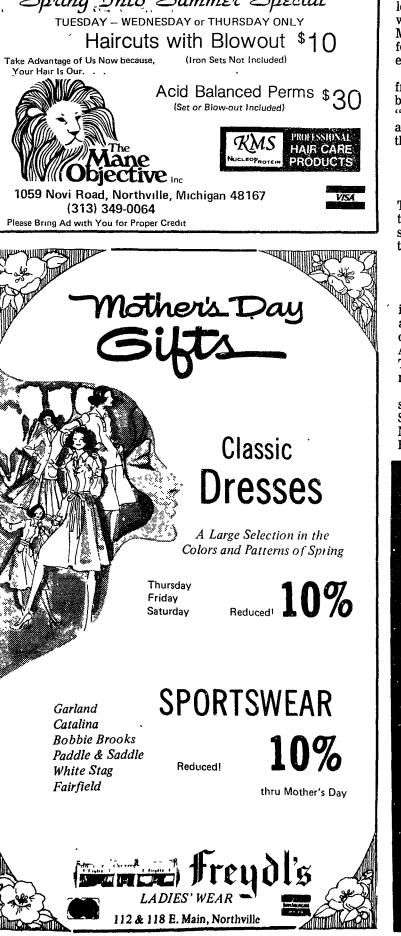
Taylor, Jr., gave a reception for family

Ruth Knapp remembered with white rose

By JEAN DAY

Ruth Margaret Knapp, the nurse and teacher who was a Northville resident for 33 years before moving to a retirement





center in Ann Arbor where she died April 24, 1977, at the age of 84, was remembered in a most special way April 30.

Alpha Nu Chapter of Delta Kappa Gamma teachers honorary society was presented with a single white rose in her memory at the state convention held in Jackson, Michigan, on that date. This was done in a memorial service honoring deceased members.

Delegates from Northville, Gayle Fountain, Naomi Poe, Nancy Fieldman, Florence Panattoni, Eunice Martin and Louise Wolf, thoughtfully brought the rose back and presented it to Miss Knapp's close friend, Miss Florence Keith, also an Alpha Nu member.

House guest of Miss Keith at her Fairbrook apartment last week was Miss Ada Fritz, a former Northville teacher now living in West Branch. She has been visiting Mrs. Claude Waterman this week.

Fountain dedication plans unveiled

Annual meeting of the Northville Branch of the Women's National Farm and Garden Association will be held at 12:30 p.m. Monday, May 15, at Lexington Commons Clubhouse with Barbara Yoder as hostess. This is the day that the fountain for Allen Terrace, a project which the branch was worked so diligently to make possible, is to be dedicated.

The cornerstone is to be put into place at noon. In view of possible safety hazards, City Manager Steven Walters has asked that a small delegation make the formal presentation of the fountain to Allen Terrace. Afterward he will come to the meeting with the fountain committee and show slides covering most current development of the senior citizens' apartments.

At the meeting Polly Kelly, scholarship chairman, will announce names of the two new scholarship recipients. Chairman for the day is Mary Whiteside, assisted by Catherine Johnston, Mary Kay Hill, Norma Gerndt and Dorothy Hartshorne. To accommodate everyone planning to attend, members and guests may use the Methodist church parking lot across Eight Mile.

Sue's Hillsdale May Queen

Susan Heckler of Northville, now a senior at Hillsdale College, was crowned campus May Queen during parents' weekend April 22 at the school. She is the daughter of Mr. and Mrs. Theodore Heckler of Fermanagh Court, who were on hand for the festivities. She represented Chi Omega sorority and was elected by the student body.

The 21-year-old senior will be graduated magna cum laude from Hillsdale in ceremonies May 20. She will be receiving her bachelor of science degree in education and science (biology). "She really wants a teaching job," her mother reports. Sue was a 1974 graduate of Northville High School and was a member of the senior homecoming court.

It's Town Hall Awards time

Any organizations wishing to be considered for Northville Town Hall Board of Award grants are asked to have their letters sent by May 31 to Eliza Wagenschutz, chairman. They should explain their organization's need and be mailed to Northville Town Hall Box 93.





Tromans' anniversary's a multi-surprise

When their daughters, Kim and Terri, said they were taking their parents out for their silver wedding anniversary, Mr. and Mrs. W. Edward Tromans of 420 Morgan Circle had no idea of the surprise in store for them until they reached Metropolitan Airport. There they greeted their oldest daughter, Leslie Tolcher, who has been living in Cornwall, England, since her marriage three years ago.

Leslie arrived April 17 on her 23rd birthday with another surprise - she isn't returning to England as her husband, Stephen, has been granted his visa and will be joining her here. Mr. and Mrs. Tromans were married 25 years ago on April 11 in Highland Park Methodist Church.







MR. AND MRS. MARVIN JOHN MACKIE

Newcomers sign up for babysitting co-op

town, finding a reliable club. baby-sitter can be dif-Beverly Walsh, ficult. That is one reason Newcomer president, exthe Northville Newcomer plains that the babysit-Babysitting Co-op has ting cooperative takes been successful for many new members only at the three general meetings a years.

The spring meeting of the co-op will be held at 8 year. p.m. Monday at the home of Karen Hooper, 481

Morgan Circle.

membership chairman, 348-2959, can give in-

taking over will follow.

club's retiring board and Aorgan Circle. the incoming board of Anyone wishing to join directors will participate may call Arlene Kurzawa in a potluck dinner at 6:30

in the cooperative is limited to members of the Northville Newcomers.

at 348-2799. Membership p.m. Tuesday at the home of Mrs. Walsh, retiring president. At a brief

business meetng after Newcomers Club is dinner the year's open to anyone living in business will be concludthe Northville' School ed and retiring officers District less than two will turn over their files to years. Nancy Naszradi, the new ones.

Fifty-two couples in 26

When you're new in formation on joining the cars participated in the club's Road Rally party

April 22. Under chairmanship of Barb and Ted Peters and Barb and Mike Kowalski the event was described as "exciting with never-adull-moment" as foursomes scrambled to solve Members of both the 10 different clues which took them from Maybury State Park, Mill Race Village, and Botsford Inn to the Spaghetti Factory in Livonia.

Members were asked to bring along a zip code guide, maps and a copy of The Northville Record to help solve clues. First place winners were the David Lehmkuhls and the Edward Naszradis. The sell-out event was termed

a "super success."

Honeymoon in Aruba

Mary Stephens wed in April rites

A trip to Aruba followed the marriage of Mary Elizabeth Stephens and Marvin John Mackie at First Presbyterian Church of Northville April 21.

The Reverend Lloyd Brasure officiated at the 5:30 p.m. double-ring ceremony for which the altar was decorated with yellow and white daisies and yellow candles. The bride was given in marriage by

her parents, Mr. and Mrs. Carl W. Stephens of 46064 Norton. The bridegroom is the son of Mrs. Alexander Mackie of Farmington and the late Mr. Mackie.

The bride's gown of silk organza over taffeta was an original design by Robert Fink. Fashioned with long sleeves and a chapel-length train, the

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gown is adorned with reembroidered Alencon lace and seed pearls on the sleeves, and edging the keyhole neckline.

A headpiece of Alencon lace and seed pearls held her fingertip veil of illusion. She carried a colonial nosegay of white daisies, miniature white carnations, yellow sweetheart roses and

baby's breath. Honor maid Debra Masson wore a daffodil-yellow dress of Qiana knit with

cape sleeves and smocked yoke. Mrs. Carl D. Stephens, Mrs. Michael Hartzler and Mrs. George Wislo were bridesmaids in gowns matching that of the maid of honor. All carried colonial nosegays of white and yellow daisies and blue bachelor buttons and wore

yellow daisies and baby's breath in their hair.

Carrying out the yellow and white theme were pew bows of white satin and yellow daisies made by Mrs. Carl (Karen) Stephens and her mother, Mrs. John Winters.

Robert Crutcher was best man with Carl D. Stephens, Richard Dolan and John Witzlak ushering.

A buffet dinner-dance reception for 150 guests followed at the Plymouth Hilton Inn. Guests included the bride's uncle and aunt, Mr. and Mrs. Carl Denton of Pottstown, Pennsylvania, and cousin, Mrs. Abullah Bsierani of Syracuse, New York. Also present was the bride's maternal grandfather, Joseph Denton of Northville, who is 90.

The cake table was arranged with special sentiment as the handmade, drawn-thread cloth had been used by the bride's parents at their wedding. The cake knife used by the bride also had been the one from her parent's wedding. Mrs. James Crowie and Mrs. William Masson cut and served the cake which yad yellow decoration to continue the color theme.

The couple had met at Brae Burn golf course where Mary was working and her future husband was golfing. A graduate of Cooley High School and Wayne State University, he is employed by J. Brady and Sons of Royal Oak.

The bride is a graduate of Northville High School and Ann Arbor Nurse Education Center.

Wednesday, May 10, 1978-THE NORTHVILLE RECORD





Mothers' Club picnic set

Northville Mothers' Club will end the members, Iris Kampf and Lillian Dueryear with a picnic at 6:30 p.m. next Monday at the home of Sharon Lineman, 20659 Lexington Circle. Those attending are asked to bring a passing dish. Table service will be supplied.

Annual meeting with new officers

son, as well as 17 current members attended the spring tea hosted by Pat Wright at her home on Westhill a week ago Saturday. One of the life members attending was Doris Gates, who now lives in Tuscon, Arizona, but has been visiting her daughter in Howell. Twenty three life and two charter Howeli.

It's a boy for Burkes

From Lansing comes news of the birth of Andrew Russell, second son of Mr. and Mrs. Frank Burke, former Northville residents of Allen Drive.

The baby was born May 2 and weighed exactly six pounds. He joins a little brother, Jeremy, 2, at home.

Mrs. Burke is the former Sally Burke, who was news editor of The Northville Record. The family moved to 510 Farmstead in Lansing a year ago last month. Grandparents of Andrew and Jeremy

are Mr. and Mrs. Ralph Rolke of Sun Prairie, Wisconsin, and Mrs. F. M. Burke of Black River Falls, Wisconsin.

Preschool cooperative slates annual guest night May 18

Northville Cooperative members and officers. A chose officers for the Preschool, which has slide presentation will be been part of the Northville community for 25 years, is holding its an- school sessions. nual Guest Night beginning at 7:30 p.m. Thursday, May 18, at the scout recreation building, 215 W. Cady

Interested parents are welcome to view the as teacher-assistants. facilities and equipment, and to meet the teachers,

1978-79 school year. Those included to show some activities of the nursery Through the cooperative, parents

elected are: President, Maureen Osiecki; Vice-President, Karen Archer; Secretary, Linda Smith; Treasurer, Kathy McLean; and memberhave the opportunity to be ship chairman, Barbara involved in their Glover. Mrs. Glover's children's educational exphone number is 348-3128 perience by participating for those wishing further information about the

The preschool recently nursery school.



348-9355

DAD DESERVES THE BEST. ON HIS DAY, GIVE HIM A SEIKO QUARTZ WATCH.



FP006M-\$250 00 LC Digital Alarm with calendar Yellow top, stainless steel back gilt dial frame

No FJ054M-\$175.00. Battery life of five full years Bilingual calenda 100 ft water tested Yellow top/stainless

With a Seiko Quartz watch, you'll be giving a timepiece of amazing accuracy, superb styling, and the unequalled reliability synonymous with the world-famous Seiko name. Choose from both Analog and Multi-Mode® LC Digital models Sleek, Ultra-Thin dress styles and day/date calendars. Multi-Alarms Chronographs Even a Digital Quartz Calculator/Watch. Each one as handsome as the next. Give Dad a Seiko Quartz watch. He deserves it Seiko Quartz. 🗙

Diamond Boutique

Custom Made Jewelry Exquisitely Designed To Be Exclusively Yours

In the K-Mart Center Grand River at Halstead Farmington 478-3131

Lees carpets has reduced prices . on its best looking, best selling carpets. Hundreds of exciting colors and styles And we're passing savings on to you. Come in early and save on quality Lees Carpets.			
BIRMINGHAM McQueens Carpet 4076 W. Maple Road 647-5250			
BRIGHTON Rite Carpet 8467 W. Grand River Brighton Mall 227-1314	MT. CLEMENS Krausenecks Carpet & Rugs 166 S Gratiot Avenue 463-0585	TROY Eadeh Carpets 1111 E Long Lake Road 524-2777	
CHELSEA Merkel Furniture & Carpet 205 S Main Street 475-8621	NOVI Novi Floor Covering 41744 West 10 Mile Road 348-2622	UTICA Independent Floor Covering 46511 Van Dyke 739-1555	
GROSSE POINTE Ed Malıszewskı Carpeting 21435 Mack Avenue 776-5510	OAK PARK Hagopian's 14000 W. 8 Mile Road 399-2323	WESTLAND Independent Floor Covering 920 Wayne Road 729-6200	
LIVONIA A.R. Kramer Company 15986 Middlebelt Road 522-5300	PONTIAC Spencer Floor Covering 2465 Elizabeth Lake Road 682-9581	WYANDOTTE Jabro Brothers, Inc 2801 Fort Street 285-0100	
LIVONIA Rite Carpet 29485 West 7 Mile Road 476-8360	ROCHESTER McCoy Floor Covering 870 S. Rochester Road 652-2131	WARREN House of Carpets 28931 Van Dyke 573-4660	
MT. CLEMENS Independent Floor Covering 33800 Gratiot 791-7800	ROYAL OAK Best Carpet 1030 Woodward Avenue 543-5300	WARREN United Carpets 5600 East 9 Mile Road 759-2560	

4-D-THE NORTHVILLE RECORD-NOVI NEWS-Wednesday, May 10, 1978

ADVERTISED TEM POLICY Each of these advertised items is required to be readily available for sale at or below the advertised price in each A&P Store, except as specifically noted in this ad

Prices effective Wed., May 10 thru Sat., May 13, 1978. We reserve the right to limit quantities. Items offered for sale not available to other retail dealers or wholesalers.

MOST A&P STORES ARE	
OPEN SUNDAY	/S
9:30 A.M. TO 9 P.M.	2 2 X W
DELI-BAKE SHOP	
Beef Bologna	\$16
Turkey Pastrami ^{1/2-1b.}	\$10
Chicken Breasts 1b.	\$15



Creamy



40-ct.



-lb.

Box

Makes

20-Qts.



Prices effective in Wayne Oskiand. Macomb and Livingston Counties. and Yosilanti and Saline A&P stores







Dr. R.M. Atchison steals his own show at tribute

Continued from Page 1-D

choosing medicine he also had been accepted into U-M law school and Harvard School of Divinity, having been the youngest lay minister in Michigan at the time at age 17.

"When business was slow, Dad would tell me to get in the car and make a 'run' into the country. I did

enjoy those trips, and it wasn't long the bullet was a stray from a before they became real house downtown shooting gallery). calls," Dr. Atchison said.

Dr. Atchison had the room resounding with laughter as he told how he met his wife, Ruth Mary. He had been called when her father, Richard Baldwin, then publisher of The Northville Record, had been shot (in reality

"I committed my first mistake by immediately slicing off the tie I learned later had just been given him by his wife.'

Then, he continued, the plant he sent to make amends turned out to be one to which his future motherin-law was allergic.

He told of probing for the bullet unsuccessfully and deciding to "leave it in." It had ricocheted and had to be removed later by U-M specialists. At this time he met the publisher's daughter and "immediately lost interest in the patient to pay attention to her."

He went on to relate how he "consulted his Funk and Wagnalls to



Honoring 40 years in medicine

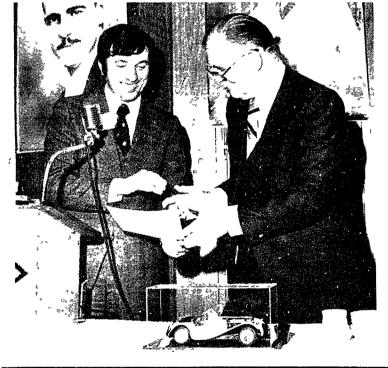
Dr. Atchison poses with his colleagues at Doctors' Clinic, Dr. Robert G. Wetterstroem, at left, and Dr. E.T. Capuzzi and Dr. Orlo J. Robinson, above.

State Senator Robert Geake, at right, presents citations from Governor Milliken.

Youngest guests at the party were the Atchison granddaughters, Kelly and Courtney, below.

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LAST DAY OF

see how to put the safety on" a gun The Atchisons' other son, Russell that the wife of a patient warned him was hidden in the patient's chair in case Dr. Atchison was going to tell him he wasn't going to live.

Since the patient was planning to kill the physician in this event, Dr. Atchison continued, he made "very sure I encouraged him greatly."

Members of the family on hand for the festivities included his son, Major Richard M. Atchison, and his wife, Barbara, with their children, Anne and Scott, from Alexandria, Virginia. His office is in Washington.

His daughter, Rhonda, and her husband, Roger Schlack, with their son Roger Carl, were there as was and chatting began after the younger daughter, Roxanne, and her husband, Ray Casterline II, salute Dr. Atchison with "For He's with daughters Courtney and Kelly a Jolly Good Fellow.' making a pre-dinner appearance. That's why everyone was there.

M. Atchison, and his wife sent their best wishes from the west.

Dr. Atchison's cousins from his mother's family, Floyd McRae of Pellston and Mr. and Mrs. Joseph Hayes of Lansing, attended as did Mrs. Atchison's brother and his wife, Mr. and Mrs. Philip Baldwin of Albion.

Other former patients and friends attended from many parts of the country from Chicago, Illinois, Tennessee and Arizona. Longtime friends of the couple, the Raymond Stillsons, were from Sieverville, Tennessee.

Congratulations continued throughout the evening as dancing guests, led by the muscians, rose to

ADVERTISEMENT FOR BIDS CITY OF NOVI-SEWAGE PUMP STATIONS ALARM SYSTEM

The City of Novi will receive sealed bids for the construction of the City of Novi Sewage Pump Station Alarm System until 2:00 p.m. EDT. Thursday, May 25, 1978, at the Office of the City Clerk.

The quantities involved in this work consist principally of the following:

Furnish and install alarm transmitting equipment at two packaged sewage pump stations. Furnish and install alarm receiving equipment at City of Novi Police Department.

The plans and specifications are on file and may be obtained at the Office of the City Clerk, City of Novi, 43315 Sixth Gate, Novi, Michigan. The recipient must supply the phone number and street address of the individual or firm to whom addenda (if any) can be directed.

A certified check or bank draft payable without condition to City of Novi, Michigan, or a satisfactory bid bond executed by the bidder and a surety company in an amount not less than 5 percent of the bid shall be submitted with each bid as a guarantee of good faith and the same to be subject to the conditions stipulated in the Instruction to Bidders.

The City reserves the right to waive any irregularities and to make the award in a manner that is in the best interest of the City.

Publish 5/10/78

Geraldine Stipp City Clerk

REPORT OF CONDITION

Consolidating domestic subsidiaries of the Michigan National Bank - West Oakland of Novi. In the state of Michigan, at the close of business on March 31, 1978 published in response to call made by Comptroller of the Currency, under title 12, United States Code, Section 161. National Bank Region No. 7

Charter number 15899	ASSET	National Bank R	Region No. 7
Statement of Resources a Cash and due from banks U.S. Treasury securities	and Liabilites	\ Thousand	ds of dollars 3,822 200
Obligations of other U.S. Obligations of States and	Gov't. agencies a political subdivisi	nd corps ions	None
Other bonds, notes, and e Federal Reserve stock an Trading account securitie Federal funds sold and se	ecurities purchase		None
under agreements to re Loans, Total (excludi Less: Reserve for po	esell Ing unearned inco Issible Ioan losses	me)	3,000
Direct lease financing Bank premises, funiture :	and fixtures, and c	other assets	None
Real estate owned other Investments in unconsoli associated companies Customers' liability to thi	than bank premise	88 s and	None
Customers' liability to thi Other assets TOTAL ASSETS		••••••	None
Demand deposits of indiv Time and savings deposi Deposits of United State: Deposits of States and po	ts of individuals, p s Government	, and corps ortnshps., and corps	25,103
Deposits of foreign govts Deposits of commercial b Certified and officers' ch	and official institution anks ecks	tutions	None
TOTAL DOMESTIC DEPO Total demand deposi Total time and saving Federal funds purchased	its is deposits		
under agreements to re Liabilities for borrowed n Mortgage indebtedness	epurchase noney and liability for ca	nitalized leases	None
Acceptances executed b Other liabilities TOTAL LIABILITIES (excl notes and depentures)	y or for account o Juding subordinate	f this bank and outstandi ed	ng None 456 /
Subordinated notes and	dehenturne		1 000
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LAST DAY OF REGISTRATION SCHOOL **ELECTION**

NOTICE OF LAST DAY OF REGISTRATION OF THE ELECTORS OF NORTHVILLE PUBLIC SCHOOLS WAYNE, OAKLAND AND WASHTENAW COUNTIES, MICHIGAN

TO THE ELECTORS OF THE SCHOOL DISTRICT:

Please Take Notice that the Annual School Election of the School District will be held on Monday, June 12, 1978.

THE LAST DAY ON WHICH PERSONS MAY REGISTER WITH THE APPROPRIATE CITY OR TOWNSHIP CLERKS, IN ORDER TO BE ELIGI-BLE TO VOTE AT THE ANNUAL SCHOOL ELECTION CALLED TO BE HELD ON MONDAY, JUNE 12, 1978, IS MONDAY, MAY 15, 1978. PER-SONS REGISTERING AFTER 5:00 O'CLOCK, P.M., ON MONDAY, MAY 15, 1978, ARE NOT ELIGIBLE TO VOTE AT THE ANNUAL SCHOOL ELECTION.

Persons planning to register with the respective city or township clerks must ascertain the days and hours on which the clerks' offices are open for registration.

This Notice is given by order of the Board of Education.

Christopher J. Johnson Secretary, Board of Education

REGISTRATION SCHOOL ELECTION

NOTICE OF LAST DAY OF REGISTRATION OF THE ELECTORS OF NORTHVILLE PUBLIC SCHOOLS WAYNE, OAKLAND AND WASHTENAW COUNTIES, MICHIGAN

TO THE ELECTORS OF THE SCHOOL DISTRICT:

Please Take Notice that the Annual School Election of Northville Public Schools, Wayne, Oakland and Washtenaw Counties, Michigan, will be held on Monday, June 12, 1978. TAKE NOTICE that the following propositions will be submitted at

the annual election on Monday, June 12, 1978: I. TAX RATE LIMITATION INCREASE PROPOSITION FOR OPERATING

PURPOSES

Shall the limitation on the amount of taxes which may be assess-ed against all property in Northville Public Schools, Wayne, Oakland and Washtenaw Counties, Michigan, be increased by 2.6 mills (\$2.60 on each \$1,000.00 of state equalized valuation) for a period of 3 years, 1978 to 1980, inclusive, for the purpose of providing additional funds for operating purposed to maintain existing programs?

II. TAX RATE LIMITATION INCREASE PROPOSITION FOR OPERATING PURPOSES

Shall the limitation on the amount of taxes which may be assessed against all property in Northville Public Schools, Wayne, Oakland and Washtenaw Counties, Michigan, be increased by 2.9 mills (\$2.90 on each \$1,000.00 of state equalized valuation) for a period of 3 years, 1978 to 1980, inclusive, for the purpose of providing additional funds for operating purposes to reinstate

discontinued programs? III. BONDING PROPOSITION

Shall Northville Public Schools, Wayne, Oakland and Washtenaw Counties, Michigan, borrow the sum of not to ex-ceed One Million Dollars (\$1,000,000) and issue its general obligation unlimited tax bonds therefor, for the purpose of remodeling and re-equipping school buildings and the stadium facility; improving playgrounds and athletic fields; and develop-

ing and improving the sites therefor? THE LAST DAY ON WHICH PERSONS MAY REGISTER WITH THE APPROPRIATE CITY OR TOWNSHIP CLERKS IN ORDER TO BE ELIGI-BLE TO VOTE AT THE ANNUAL SCHOOL ELECTION CALLED TO BE HELD ON MONDAY, JUNE 12, 1978, IS MONDAY, MAY 15, 1978. PER-SONS REGISTERING AFTER 5:00 O'CLOCK, P.M., ON MONDAY, MAY 15, 1978, ARE NOT ELIGIBLE TO VOTE AT THE ANNUAL SCHOOL ELECTION.

Person planning to register with the respective city or township clerks must ascertain the days and hours on which the clerks' offices are open for registration. This Notice is given by order of the Board of Education.

Christopher J. Johnson Secretary, Board of Education

David W. Best Arthur H. Pyrros Directors

State of Michigan in the Circuit Court for the County of Oakland, City of Novi

In the matter of the petition of the City of Novi for condemnation of private property for paving of	Court No.	сс
Meadowbrook Road from Ten Mile Road to Twelve Mile Road, in the City of Novi, Oakland County, Michigan.	78	170504

ORDER FOR HEARING ON PETITION

At a session of said Court held in the Courthouse Tower, in the City of Pontiac, in said County of Oakland, State of Michigan on April 24, 1978 PRESENT: HONORABLE Alice L. Gilbert, Circuit Judge

The above matter having come before this Court upon the filing of a peti-tion by the City of Novi regarding the laying out, establishing and paving of Meadowbrook Road, in and through the City of Novi, Oakland County, Michigan, as more particularly described in said petition, stating that the private property described therein is necessary to be taken for said public im-provement and praying for a hearing thereon to determine the date upon which the petitioner may take possession of such private property and the date for the impaneling of a jury to determine the just compensation for the taking of

such property, now, On Motion of LAMPERT, FRIED & LEVITT, P.C. Attorneys,

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IT IS ORDERED that the description of the property and names of the par-ties in interest as set forth in the petition filed in this cause are incorporated by

ties in interest as set forth in the petition filed in this cause are incorporated by reference as part of this Order and that personal service of both Order and Petition shall be made upon each party in interest in accordance with the provisions of Act 295 of the Public Acts of 1966. IT IS FURTHER ORDERED that where personal service cannot be made in accordance with the provisions of Act 295 of the Public Acts of 1966, a copy of the Order including a copy of the description of the property and parties in interest contained in the Petition be published in the Novi News, a newspaper published and circulated in this county, at least once in each week for three successive weeks prior to the date of the hearing as hereinafter set forth. IT IS FURTHER ORDERED that on the 6th day of June, A.D., 1978, at 9.00 a m. there will be a hearing in the Circuit Court for the County of Oakland, in the City of Pontiac, before the Honorable Alice L. Gilbert, Circuit Judge, in his Courtsom at Pontiac, Michigan, for the following Purposes:

Courtoom at Pontac, Michigan, for the following Purposes:

 To enter defaults on all parties in interest not appearing at said hearing and direct payment to them of the amount of the estimated just compensation as set forth in the Declaration of Taking filed in this Court and cause;
 To enter date on which the petitioner may enter the property and take physical possession thereof,
 To enter an order for the navement of the astimated just compensation

3 To enter an order for the payment of the estimated just compensation placed on deposit with the Treasurer of the County of Oakland, 4 To set a date certain for the impaneling of a jury and trial as to the parcel

on which compensation is being contested.

Alice L. Gilbert, CIRCUIT JUDGE

PETITION AND DEMAND FOR JURY TRIAL

NOW COMES LAMPERT, FRIED & LEVITT, P C , as Attorneys for and in behalf of and at the specific direction of the City of Novi, and respectfully shows unto this Honorable Court:

1 That the City of Novi is duly appointed, qualified and acting pursuant to Act 295, of the Public Acts of the State of Michigan for the year 1966 as amend-

Act 255, of the Public Acts of the State of Michigan for the year 1966 as amended.
2. That under the provisions of the said Act No. 295, Public Acts of 1966, as amended, your petitioner, the City of Novi, is vested with full charge and control of the roads built or maintained by the City of Novi and has the power and authority to acquire lands in the manner provided by law for highway purposes.
3 That the paving of Meadowbrook Road, from Ten Mile Road to Twelve Mile Road in the City of Novi, Oakland County, Michigan, is under the direction, control and supervision of the City of Novi.
4 That on the 17th day of February, A D , 1978, a Declaration of Taking was made by the petitioner, City of Novi, a copy of which is attached hereto and made a part hereof, declaring a certain road improvement to be necessary for the use and benefit of the public, to-wit: the laying out, establishing and constructing of Meadowbrook Road, approximately 67 feet North of Ten Mile Road, Northerly to a point of ending on the centerline of Meadowbrook Road, approximately 67 feet North of Ten Mile Road, and declaring that it is necessary take certain private property therein, fully and accurately described, to accomplish such public improvement. public improvement.

5. That this petition is made and filed under the provisions of Act 295, Public Acts of 1966, and to acquire the private property and property rights set forth in detail in the Declaration of Taking attached hereto and made a part hereof. Said Declaration of Taking contains, in addition thereto, the names of the parties having an interest in the property described therein, insofar as peti-tioner can ascertain, and the amount of just compensation estimated for the taking of said percent.

taking of said property. 6 That the property in this case involves what is known as an easement, that is, that only a portion of the owners' total property is required and taken for easement purposes.

7 That the public improvement for which easement is being taken from these properties is the paving, grading, drainage and slope work of Meadowbrook Road from Ten Mile Road to Twelve Mile Road. 8. That petitioner claims that there will be enhancement in value to the re-mainder of this parcel by virtue of the paving of Meadowbrook Road.

9. That the said highway improvement is necessary for the use and benefit of the public and the taking of the private property described in the Declaration of Taking is necessary for the use and benefit of the public as herein pleaded

and stated by your petitioner. WHEREFORE, YOUR PETITIONER PRAYS THAT THE COURT: 1 Enter an order fixing a day for hearing upon which the Court shall enter the default of all persons interested in the property described who have not ap-peared and, if the default of all the parties interested in this parcel of land is entered, shall enter judgment and direct payment to such persons of the sum stated in the Declaration of Taking for the taking of the said parcel of property

in which they are interested. 2 On the day fixed for the hearing, enter an order fixing a definite date arties interested in

There is to be no change in the property lines. The City of Novi will do the following work along this property. Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road and a line lying 50.00 feet West of and parallel to the centerline of Meadowbrook Road.

and parallel to the centerline of Meadowbrook Road. Said easements being over and across the following described property: Beginning at a point South 02 degrees 10 min. West 2110.89 feet from the Northeast corner of Section 14, T1N, R8E, thence North 88 degrees 20 min. West 660.00 ft; thence South 02 degrees 10 min. West 527.63 ft.; thence South 88 degrees 20 min. East 660.00 ft.; thence North 02 degrees 10 min. East 527 63 ft. to the point of begining. 22-14-200-015 Owner of record of said described property being Billy M. Bartlett and Joanne Bartlett, his wife, 26999 Meadowbrook Road, Novi, Michigan 48050. Estimate Just Compensation \$1048.70, which includes \$150.00 for shrub.

AND ALSO:

v111-12-SW13-7-9

AND ALSO: M11-12-SW13-7-9 The Permanent easement shall consist of the West 33 00 ft of the hereinafter described property. Also, a permanent easement consisting of the East 7.00 ft. of the West 40.00 ft of the South 33 00 ft. of the hereinafter described property. Also, a slope right easement described as the East side of Meadowbrook Road from Station 27 plus 00 to Station 28 plus 30. This property being in Sec-tion 13, T1N, R8E, City of Novi, Oakland County, Michigan. This agreement is for slope rights only and to permit the construction of the grad according to the above plane.

The road according to the above plans. In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines. The City of Novl will do the following work along this property. Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road and a line lying 52.00 feet East of and parallel to the centerline of Meadowbrook Road

tions, the centerline of Meadowbrook Road and a line lying 52.00 feet East of and parallel to the centerline of Meadowbrook Road. Said easement being over and across the following described property: The South 130.00 ft. of the West 336.00 ft. of the following: Described as: Part of the West ½ of the Southwest Section 13, T1N, R8E, Novi, Township, Oakland County, Michigan, more particularly described as follows: Beginning at a point in the west line of said Section 13, and point of beginning being dis-tant due South 221 22 ft. as measured along the West line of Section 13 from West ¼ corner thereof running thence from said point of beginning, North 89 degrees 48 min. 30 seconds East, a distance of 1376.59 ft. to a point, thence South 00 degrees 55 min. 50 seconds West along the line of an old farm fence a distance of 221.82 ft. to a point thence South 89 degrees 48 min. 30 seconds West a distance of 1373.00 ft. to a point in the West line of said Section 13, thence due North along said Section line 221.80 ft. to the point of beginning. 22-13-301-011 13-301-011

Owner of record of said described property being Marvin L. Lang, 26800 Meadowbrook Road, Novi, Michigan 48050.

Estimated Just Compensation \$708 93, which includes compensation for

AND ALSO:

AND ALSO: M11-12-SW13-7-10 The permanent easement shall consist of the West 33.00 ft. of the hereinafter described property Said easement being overand across the following described property: Part of the West ½ of the Southwest ¼ of Section 13, T1N, R8E, Novi Township, Oakland County, Michigan, more particularly described as follows: Beginning at a point in the West line of Section 13, T1N, R8E, Novi Toakland County, Michigan, said point of beginning being distant due South 221.22 ft. as measured along the West line of said Section 13, from the West ½ corport thereof running theore from said point of beginning North 89 degrees 221.22 ft. as measured along the West line of said Section 13, from the West ¼ corner thereof, running thence from said point of beginning North 89 degrees 48 min. 30 seconds East a distance of 1376 59 ft. to a point; thence South 00 degrees 55 min. 50 seconds West along the line of an old farm fence a distance of 221.82 ft. to a point; thence South 89 degrees 48 min. 30 seconds West a distance of 1373.00 ft to a point in the West line of said Section 13; thence due North along said Section line 221 80 ft to the point of beginning, excepting the South 130.00 ft. of the West 336.00 ft. thereof. 22-13-301-012 Owner of record of said described property being Ralph R. Weiss and Alma E Larson and Marvin L Lang, 26800 Meadowbrook Rd., Novi., Michigan 48050 Estimated Just Compensation \$3453.40, which includes compensation for

Estimated Just Compensation \$3453.40, which includes compensation for trees.

AND ALSO:

M11-12-NE14-8-18 The Permanent easement shall consist of the East 33 00 ft. of the

The Permanent easement shall consist of the East 33 00 ft. of the hereinafter described property. Also a slope right easement described as the West side of Meadowbrook Road from Station 38 plus 58 to Station 41 plus 90 This property being in Sec-tion 14, T1N, R8E, City of Novi, Oakland County, Michigan. The agreement is for slope rights and/or ditching only and to permit the construction of-the+road-according3te the-above plans.~In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines. The City of Novi will do the following work along this property. Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road. Said easements being over and across the following described property:

Said easements being over and across the following described property: T1N, R8E, the South 329.77 ft of the North 1,913.03 ft. of the East 660 00 ft. of the Northeast 1/4 of Section 14, City of Novi, Oakland County, Michigan. 22-14-

Owner of record of said described property being Louis S. Chismark and Mary Chismark, his wife, 47421 Meadowbrook Road, Novi, Michigan 48050. Estimated Just Compensation \$4785.00, which includes compensation for

AND ALSO: M11-24-NE14-8-19

The Permanent easement shall consist of the East 33.00 ft. of the hereinafter described property.

Also a slope right easement described as the West side of Meadowbrook Road from Station 41 plus 89 to Station 43 plus 86. This property being in Sec-tion 14, T1N, R8E, City of Novi, Oakland County, Michigan. This agreement is for slope rights only and to permit the construction of the road according the above plans. In consideration thereof, it is understood and according the above plans. In consideration thereof, it is understood and agreed as follows:

There is to be no change in the property lines. The City of Novi will do the following work along the property. Grade backslopes within the area bounded by the above m above mentioned sta-

AND ALSO: M11-12-NW13-9-32 The Permanent easement shall consist of the West 33 00 ft. of the

The Permanent easement shall consist of the West 33 00 ft. of the hereinafter described property. Also a slope right easement described as the East side of Meadowbrook Road from Station 50 plus 52 to Station 51 plus 12. This property being in Section 13, T1N, R8E, City of Novi, Oakland County, Michigan This agreement is for slope rights only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines. The City of Novi will do the following work along this property. Grade backslopes within the area bounded by the above mentioned stations, the centerline of Meadowbrook Road and a line lying 41.00 ft. east of and parallel to the content being over and across the following described property. T1N, R8E, Section 13, City of Novi, Oakland County, Michigan, described as part of the Northwest 14 beginning at a point distance South 02 degrees 26 min. 00 seconds West 659.04 ft. from the Northwest Section corner, thence South 89 degrees 44 min. 35 seconds East 1379.40 ft.; thence South 02 degrees 180.00 ft; thence North 02 degrees 26 min. 00 seconds West 330.00 ft; thence North 02 degrees 26 min. 00 seconds Seconds East 1300.00 ft; thence North 02 degrees 26 min. 00 seconds Seconds East 1300.00 ft; thence North 02 degrees 26 min. 00 seconds Seconds East 1300.00 ft; thence North 02 degrees 26 min. 00 seconds East 118 52 ft; thence South 89 degrees 44 min 30 seconds East 260 00 ft; thence North 02 degrees 26 min. 00 seconds East 1300.00 ft; thence North 02 degrees 26 min. 00 seconds East 1300 ft; thence North 02 degrees 26 min. 00 seconds East 260 min 25 seconds East 260 West 1300.00 h, therice North 02 degrees 20 hint, to seconds East 140 2 h, thence South 89 degrees 44 min 30 seconds East 260 00 ft; thence North 02 degrees 26 min. 00 seconds East 150.00 ft; thence North 89 degrees 44 min 35 seconds West 260.00 ft.; thence North 02 degrees 26 min. 00 seconds East 61 00 ft. to beginning, containing 9.59 acres 22-13-100-006 Owner of Record of said described property being Robert H. Edgar, 3600 Proad/www. Highland Michana 48031

Broadview, Highland, Michigan 48031. Estimated Just Compensation \$1955 00 which includes compensation for trees

AND ALSO:

M11-12-SE11-10-35R The Permanent easement shall consist of the South 33 00 ft of the East 450.00 ft. of the hereinafter described property Also, a Permanent easement consisting of the East 33 00 ft. of the South

Also, a Permanent easement consisting of the East 33 00 ft. of the bereinafter described property. Also, a Permanent easement consisting of a trangular shaped portion of the hereinafter described property; described as beginning at a point 70.00 ft West of and 33.00 ft. North of the Southeast corner of the hereinafter described property, thence East parallel with the South property line a distance of 37 00 ft., thence North parallel with the East property line a distance of 37 00 ft., thence Southwaster but to point of beginning

ft., thence North parallel with the East property line a distance of 37 00 ft, thence Southwesterly to the point of begining. Also a slope right easement described as the North side of Twelve Mile Road from Station 10 plus 00 to Station 14 plus 50. This property being in Section 11, T1N, R8E, City of Novi, Oakland County Michigan. This agreement is for slope rights only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines The City of Novi will do the following work along this property Grade backslopes within the area bounded by the above mentioned stations, the centerline of Twelve Mile Road. Said easements being over and across the following desribed property

Said easements being over and across the following desribed property T1N, R8E, Section 11, City of Novi, Oakland County, Michigan, being described as the Southeast ¼ of Section 11. 22-11-400-004

Owner of record of said described property being Ida M Meyer Trust, 28115 Meadowbrook Road, Novi, Michigan 48050 and Adolph H Meyer Trust, 28115 Meadowbrook Road, Novi, Michigan 48050. Estimated Just Compensation \$3198 40, which includes \$160 00 for 5" Elm,

10 ft. bush and 4 ft bush.

AND ALSO:

M11-12-SW13-7-10

M11-12-SW12-10-36 The Permanent easement shall consist of the South 33 00 ft of the hereinafter described property Also, a Permanent easement consisting of the West 33 00 ft of the South 350.00 ft. of the hereinafter described property. Also, a Permanent easement consisting of a triangular shaped portion of the South 350.00 ft.

the hereinafter described property, described as beginning at a point 70 00 tt East of and 33 00 ft. North of the Southeast corner of the hereinafter described property, thence West parallel with the South property line a distance of 37 00 property, thence West parallel with the South property line a distance of 37 00 ft.; thence North parallel with the West property line a distance of 37 00 ft, thence Southeasterly to the point of beginning. Also a slope right easement described as the North side of Twelve Mile Road from Station 10 plus 00 to Station 5 plus 00 This property being in Section 12, T1N, RBE, City of Novi, Oakland County, Michigan. This agreement is for slope rights and or ditching only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines The City of Novi will do the following work along this property Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Twelve Mile Road. Also a slope right easement described as the East side of Meadowbrook

Also a slope right easement described as the East side of Meadowbrook Road from Station 57 plus 73 to Station 61 plus 22. This property being in Sec-tion 12, T1N, R8E, city of Novi, Oakland County, Michigan.

This agreement is for slope rights and/or ditching only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows:

thereof, it is understood and agreed as ronows: There is to be no change in the property lines The City of Novi, will do the following work along this property Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road and a line lying 55 00 feet East of

shall relinquish physical possession thereof to the petitioner, the City of Novi. 3. If the amount of the estimated just compensation is being contested, set a date certain for the impaneling of a jury of freeholders for the County of Set a date certain for the impaneling of a jury of freeholders for the County of Oakland from the regular panel of petit jurors summoned to serve at that term of Court then in session, as provided in Act 295 of the Public Acts of the State of Michigan for the year 1966, which jury shall be for the purpose of ascertaining and determining the just compensation to be paid for the taking. 4 The Petitioner may have any other further relief to which it may be entitl-ed within the objects of the statute in such case made and provided.

CITY OF NOVI By its attorneys: LAMPERT, FRIED & LEVITT, P C. and David M. Fried 10840 Southfield Road, Suite 320 Southfield, Michigan 48075

Dated: April 20, 1978

STATE OF MICHIGAN)

COUNTY OF OAKLAND)

DAVID M FRIED, being first duly sworn, deposes and says that he is the Attorney in and for the City of Novi, that he makes and filed this petition on

SS

Attorney in and for the City of Novi, that he makes and mise this petition on behalf of the City of Novi, and that he is authorized so to do. Deponent further says that he knows the contents of the foregoing petition by him signed, and that the matters therein set forth are true, except those matters set forth to be upon information and belief, and as to those matters he believes them to be true.

David M. Fried

Subscribed and sworn to before me this 20th day of April, A D., 1978

Linda A. DeSantis, Notary Public Wayne County, Michigan My commission expires: June 3, 1978 (Acting in Oakland County)

DECLARATION OF TAKING

A Statement of Necessity having been made by the City of Novi setting forth that the laying out, establishing and paving of Meadowbrook Road in and through City of Novi, Oakland County, Michigan is necessary, that as a result it is necessary to acquire certain property for public highway purposes and all utilities and/or is sought because of benefits resulting from the proposed lay-ing out, establishing and paving of said highway and that a good faith written offer to purchase said property has heretolore been made. NOW, THEREFORE, by virtue of the authority vested in the City of Novi, by Act 295 of the Public Acts of 1966, as amended, it is now declared and determin-ed that the easement hereinafter described is taken for highway and all public utilities purposes.

utilities purposes

A description of the property being taken, sufficient for its identification, the names of the persons interested in said property, so far as known, and a statement of the sum of money estimated by petitioner to be just compensa-tion for the property to be taken as follows:

AND ALSO:

M11-12-NE14-7-8

AND ALSO: M11-12-NE14-7-8 The permanent easement shall consist of the East 33.00 ft. of the hereinafter described property. Also a slope right easement described as the West side of Meadowbrook Road from Station 31 plus 35 to Station 36 plus 63. This property being in Sec-tion 14, T1N, R8E, City of Novi, Oakiand County, Michigan, This agreement is for slope rights only and to permit the construction of the proved second plus to above plane.

the road according to the above plans. In consideration thereof, it is understood and agreed as follows:

tions, the centerline of Meadowbrook Road and a line lying 63.00 ft. west of and

tions, the centerline of Meadowbrook Road and a line lying 63.00 ft. west or and parallel to the centerline of Meadowbrook Road. Said easements being over and across the following described property: Part of the East ½ of the East ½ of the Northeast ¼ of Section 14, T1N, R8E, City of Novi, Oakland County, Michigan, described as: Beginning at a point on the East line of Section 14, which point is South 02 degrees 10 min. 00 seconds West 1,385.26 ft. from the Northeast corner of said Section 14, thence North 94 degrees 20 min. 00 accorde West 580 M ft to a point the northeas South on the context of the second section 14, thence North 88 degrees 20 min. 00 seconds West 660.00 ft. to a point, thence South on a line parallel with the East Section line 198.00 ft.; thence South 88 degrees 20 min. 00 seconds East 660.00 ft. to the Section line, thence North 02 degrees 10 minutes 00 seconds East, 198.00 ft. to the place of beginning. 22-14-200-012 Owner of said above described property being Lawrence A Chismark and Molly Chismark, 27421 Meadowbrook Road, Novi, Michigan 48050 Estimated Just Comproperties 1984.00 ft.

Estimated Just Compensation \$2848.00, which includes compensation for trees

AND ALSO: The permanent easement shall consist of the East 33 00 ft. of the hereinafter described property. Also a slope right easement described as the West side of Meadowbrook Road from Station 43 plus 86 to Station 45 plus 52. This support

Road from Station 43 plus 86 to Station 45 plus 53 This property being in Sec-tion 14, T1N, R8E, City of Novi, Oakland County, Michigan. This agreement is for slope rights only and to permit the construction of

This agreement is for slope rights only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows: There is to be no change in the property lines The City of Novi will do the following work along this property. Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road and a line lying 44 00 feet West of and parallel to the centerline of Meadowbrook Road.

Said easement being over and across the following described property: Part of the East ½ of the East ½ of the Northeast ¼ of Section 14, T1N, R8E, City of Novi, Oakland County, Michigan described as: Beginning at a point on the East line of Section 14 which point is South 02 degrees 10 min. West 1220.45 ft. from the Northeast corner of said Section 14, thence 88 degrees 20 1220.45 ft. from the Northeast corner of said Section 14, thence 88 degrees 20 min. West 660.00 ft to a point, thence South on a line parallel with the East sec-tion line 164 81 ft. thence South 88 degrees 20 min. East 660.00 ft. to the Section line, thence North 02 degrees 10 min. East 164.81 ft. to the place of beginning, containing 2.5 acres, more or less. 22-14-200-011 Owner of record of said described property being Victor Pfaffenhausen and Jeanne Pfaffenhausen, his wife, 27479 Meadowbrook Road, Novi, Michigan

48050

Estimated Just Compensation \$185.00

AND ALSO:

The Permanent easement shall consist of the East 33.00 ft. of the

M11-12-NE14-8-21

Also, a slope right easement described as the West side of Meadowbrook Road from Station 45 plus 53 to Station 47 plus 17. This property being in Sec-tion 14, T1N, R8E, City of Novi, Oakland County, Michigan. This agreement is for slope rights only and to permit the construction of the road according to the above plans. In consideration thereof, it is understood and agreed as follows:

There is to be no change in the property lines. The City of Novi, will do the following work along this property. Grade backslopes within the area bounded by the above mentioned sta-tions, the centerline of Meadowbrook Road a line lying 52.00 feet West of and parallel to the centerline of Meadowbrook Road.

and parallel to the centerline of Meadowbrook Road. Said easements being overand across the following described property: Part of the East ½ of the East ½ of the Northeast ¼ of Section 14, T1N, R8E, Novi Township, Oakland County, Michigan, described as: Beginning at a point on the East line of Section 14 which point is South 02 degrees 10 min. West 1055.63 ft. from the Northeast corner of said Section 14; thence North 88 degrees 20 min. West 660.00 ft. to a point; thence South on a line parallel with the East Section line 164.82 ft.; thence South 88 degrees 20 min. East 660.00 ft. to the Section line; thence North 02 degrees 10 min. East 164.82 ft. to the place of beginning. Containing 2.5 acres, more or less. 22-14-200-010 Owner of record of said described property being Joseph A. Marcucci and

Owner of record of said described property being Joseph A. Marcucci and Helen T. Marcucci, his wife, 27487 Meadowbrook Road, Novi, Michigan 48050. Estimated Just Compensation \$312.60.

Estimated Just Compensation \$2750.34, which includes compensation for trees.

tions, the centerline of Meadowbrook Road and a line lying 55 00 feet East of and parallel to the centerline of Meadowbrook Road. Said easements being over and across the following described property: Part of the West ½ of the Southwest ¼ of Section 12, T1N, R8E, City of Novi, Oakland County, Michigan, described as beginning at the Southwest section corner; thence North 03 degrees 06 min. East 765.00 ft.; thence South 87 degrees 16 min. 30 seconds East 688 84 ft.; thence South 03 degrees 08 min 30 seconds West 732.22 ft.; thence West along the South section line 689 25 ft to the point of beginning. 22-12-351-003 Owner of record of said described property being William Pattison and Elizabeth Pattison, his wife, 41200 West 12 Mile Road, Novi, Michigan 48050, and Dr. Mathew Borovoy, a married man, 25725 Coolidge Hwy, Oak Park, Michigan 48237 and Sol Luft, DPM, a married man, 23011 Thorncliff, Southfield, Michigan 48075.

IN WITNESS WHEREOF, I have hereunto set my hand on this 17th day of February, 1978.

David M Fried, City Attorney

RESOLUTION

Minutes of a Regular Meeting of the City Council of the City of Novi, Coun-ty of Oakland, Michigan held in the Novi School Administration Building, in said City of Novi at 8:00 p m. Eastern Standard Time

PRESENT: Councilmen Hoyer, Karevich, Schmid, Shaw, Smith, Watson, and Mayor Roethel. ABSENT: None

48075

The following preamble and resolution was offered by Councilman Schmid and supported by Councilman Hoyer. WHEREAS, present conditions in Oakland County, the City of Novi, in the

State of Michigan, necessitate the paving of Meadowbrook Road through the City of Novi, and

City of Novi, and WHEREAS, detailed plans showing such improvement have been prepared and are now on file in the Offices of the City of Novi NOW, THEREFORE BE IT RESOLVED, by virtue of the authority vested in the City of Novi by law, that it is hereby declared and determined that it is necessary to lay out, establish and construct the paving of Meadowbrook Road in and through the City of Novi, Oakland County, Michigan, with necessary grade separations and service roads, extending Northerly from a point on Meadowbrook Road, approximately 67 feet North of the centerline of Ten Mile Road, to a point 306 feet North of the centerline of Eleven Mile Road and exten-ding Northerly from a point approximately 3073 feet Southerly of the centerline of Twelve Mile Road, to a point approximately 327 feet North of the centerline of Twelve Mile Road, and said improvement is necessary for the use and benefit of the public, and

benefit of the public, and BE IT FURTHER RESOLVED, declared and determined that it is necessary to acquire and take the easement rights to certain parcels of land located in Oakland County, Michigan, and more fully described in the Declaration of Taking attached hereto, without the consent of the owners thereof, for the pur-pose of laying out, establishing and paving of Meadowbrook Road as above described, and/or because of benefits resulting thereto, that said parcels are necessary for the use and benefit of the public and/or are benefitted by the proposed laying out, establishing and paving of said road and that a good faith written Offer to Purchase said parcels of land has been made, all in accordance with the requirements of Au 205 Public Action of 1086 of the State of Measure with the requirements of Act 295, Public Acts of 1966, of the State of Michigan, as amended

BE IT FURTHER RESOLVED, that the Law Firm of LAMPERT, FRIED & LEVITT, P.C. are hereby directed to institute condemnation proceedings against the owners and other parties in interest in said private property necessary for the laying out, establishing and paving of Meadowbrook Road as hereinbefore described. AYES: Council Members Hoyer, Karevich, Schmid, Shaw, Smith, Watson,

and Mayor Roethel.

NAYES: None

RESOLUTION DECLARED ADOPTED Geraldine Stipp, City Clerk

CERTIFICATE OF ADOPTION

I hereby certify that the foregoing is a true copy of a Resolution passed and adopted by the City Council of the City of Novi, Oakland County, Michigan at the special meeting of said City Council held on the 13th day of February, 1978

Geraldine Stipp, City Clerk

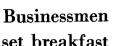
Dated: February 17th, 1978



Sun Vacation

Mr. and Mrs. Harry J. Birney of 19824 Iron Gate in Northville are surrounded by palms and natural stonework as they are photographed on a vacation in Sun City Center in Florida, where they spent several days visiting the self-sufficient retirement community.





Northville, Plymouth, Livonia Chapter of the Full Gospel Businessmen's Fellowship is sponsoring a fellowship prayer breakfast at 9 a.m. this Saturday in the Miles Standish Room of the Mayflower Hotel in Plymouth.

truck leasing firm and president of the Downriver Full Gospel Businessmen's Fellowship Chapter, will be principal speaker and will share his testimony on Christian living in the business world. Donation for the

family-style breakfast is \$5. Men and women of all faiths are invited. Reservations are required and must be made by calling 349-0006, 421-2111 or 349-6446 by this Thursday.

The hostess in your area will call on

you with a variety of helpful com-

munity information along with

In Novi. . . Call 348-2986

gifts and greetings from

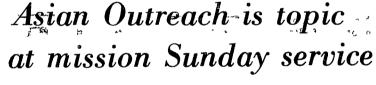
local merchants.



Call Welcome Wagon

set breakfast

Ernie Catai, owner of a



announces a special missions emphasis this Sun-

turers Bank

ministry is speaking.

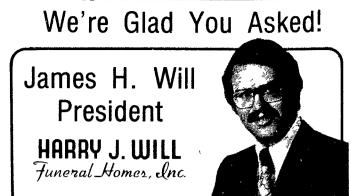
With

Today 60 Asian mis-

sionaries carry on the The Reverend Paul E. rapidly expanding communications ministry of Asian Outreach. As an author, Paul Kauffman has written three books on Asia.

Besides numerous articles and booklets, he is hibition titled, "The Faces of Asia" and established the "Christian Library of International Photos", available for purchase by Christian periodicals world-wide.

As a preacher, Paul Kauffman is considered to be "one of the most articulate spokesmen for the cause of missions today." His messages "ring with the dual conviction



How do I make a Condolence Call?

To express your sympathies and console the bereaved, here are some logical "do's and don'ts" which may help you and the bereaved.

- 1. If you're not really sure whether you should make the call or not, then do it. The family is bound to appreciate it.
- 2. Remember, the purpose of the call is to express sympathy

- and offer assistance. Don't make it a long 'social' event. Make the visit short unless the bereaved ask you to stay. Dress neatly, tastefully; not necessarily in mourners' black. If the bereaved wish to talk, fine. Be a good listener!
- A simple "I'm sorry about (the deceased)" is appropriate, along with a firm handclasp or brief embrace. 6.
- 7. Leave after offering to help or doing what you've been asked to do.
- 8 Call back in a few days; the family will appreciate your thoughtfulness.

We welcome your questions and comments - privately or publicly through this column

937-3670

37000 SIX MILE ROAD East of Newburgh ELMER W ENGEL, MGR

ONSN

REDFORD DETROIT 25450 PLYMOUTH ROAD 4412 LIVERNOIS AVE East of Beech Daly North of Michigan RALPH E BASEL, MGR HARRY J WILL, MGR



CHURCH DIRECTORY For information regarding rates for church listings call: The Northville Record 349-1700 Walled Lake/Novi News 624-8100 THE FIRST FREE WILL BAPTIST CHURCH OF NOVI 51395 10 Mile at Napier Sunday School 10.00 a.m. Sunday Worship 11 a.m.-7 p.m. Wednesday Night Service 7 p.m Rev. Wendell Ferguson, Pastor WALLED LAKE FIRST BAPTIST CHURCH 309 Market St.—624-2483 Wendell L. Baglow, Pastor Sunday: 9:45 study, 11 a.m. Worship 7 p.m. Fellowship Wed : 6 p.m. to 8:30 p m. Family Night THE MISSIONARY CHURCH OF WALLED LAKE 1795 Pontiac Trail — 624-2595 BETHEL BAPTIST CHURCH 2230 Crumb Rd. off Welch Rd. Rev. Gordon Baslock, Pastor No bingo, bazaars or raffles to raise money; no book reports or sermonettes; just the Gospel of the crucified, risen soon returning Christ! Sunday School 10 a m. ⁴ Worship 11 a.m. and 6 p.m. Midwood Service 7 p.m. Samuel Ross, Pastor FARMINGTON HILLS CHRISTIAN CENTER 23233 Drake Road at Freedom Rd. Rev. Ed Lother, Pastor, Ph. 478-1511 9:45 Sunday School; 10:45 Worship ST. ANNE'S EPISCOPAL CHURCH 430 E. Nicolet Walled Lake 48088 Ph. 624-3817 Church Service and Church School 10 a.m. The Rev. Leslie F. Harding 7:00 p.m. Gospel Rally Thursday's 7:30 p.m. Family Activities BETHLEHEM LUTHERAN CHURCH 35300 W. Eight Mile Farmington Hills Eino M. Tuori, Pastor Church 478-6520 - Home 474-2579 Sunday Worship 10:30 a.m. Sunday School 10:30 a.m. L.C.A. FIRST BAPTIST CHURCH OF NORTHVILLE 217 N. Wing 348-1020 17 N. Wing 348-10 Dr. James H. Luther, Pastor Sunday Worship, 11 a.m. & 6:30 p.m. Wed., 7:30 p.m. Sunday School 9:45

Northville Antique Automobile Club, 8:30 p.m., 215 West Cady At Christian Church

Community Calendar

TODAY, MAY 10

League of Women Voters luncheon, 12:30 p.m., with Elizabeth Morelli

Presbyterian church mother-daughter program, 7:30 p.m., at church

THURSDAY, MAY 11

We-Way-Co Sweet Adelines, 7:30 p.m., Epiphany Lutheran Church

Preschool program, Mary Paonessa, 8 p.m., Northville High School

FRIDAY, MAY 12

SATURDAY, MAY 13

Northville, Plymouth, Livonia Full Gospel Businessmen's Fellowship

SUNDAY, MAY 14

MONDAY, MAY 15

TUESDAY, MAY 16

WEDNESDAY, MAY 17

Northville Area Economic Development Corporation, 8 p.m. Manufac-

St. Paul's Lutheran paper drive, 6-8 p.m., church parking lot *

Northville Mothers' Club picnic, 6:30 p.m. 20659 Lexington Circle

Northville Boy Scout Troop 721, 7 p.m., Our Lady of Victory

Northville Blue Lodge No. 186, 7:30 p.m., Masonic Temple

Embroiderers' Guild, 7 p.m., Carl Sandburg Library, Livonia Northville City Planning Commission, 8 p.m., council chambers Mill Race Weavers' Guild, 8 p.m., Mill Race Village

Orient Chapter, Post Matrons, noon, with Betty Willing

Northville City Council, 8 p.m., council chambers Sarah Ann Cochrane, DAR, noon, Greenmead

Northville Rotary, noon, Presbyterian Church

Christian Women's Club, noon, Mayflower Meeting House Central Business District Plan dinner, 7 p.m., Northville Downs

Northville Township Board, 8 p.m., township offices

Overeaters Anonymous, 9 a.m., Presbyterians church Methodist mother-daughter banquet, 6:30 p.m., at church Northville Council No. 89, RSM, 7:30 p.m., Masonic Temple

Northville Civitans, 8 p.m., King's Mill clubhouse

British Club of Northville, 8 p.m., 215 West Cady

breakfast, 9 a.m., Mayflower Hotel

Square dance, 6:30 p.m., Northville Square

Northville Kiwanis, 6:30 p.m., Park Haus

TOPS, 7:30 p.m., 215 West Cady

Northville Senior Citizens Club, 1 p.m., Kerr House Northville Weight Watchers, 7 p.m., Northville Square

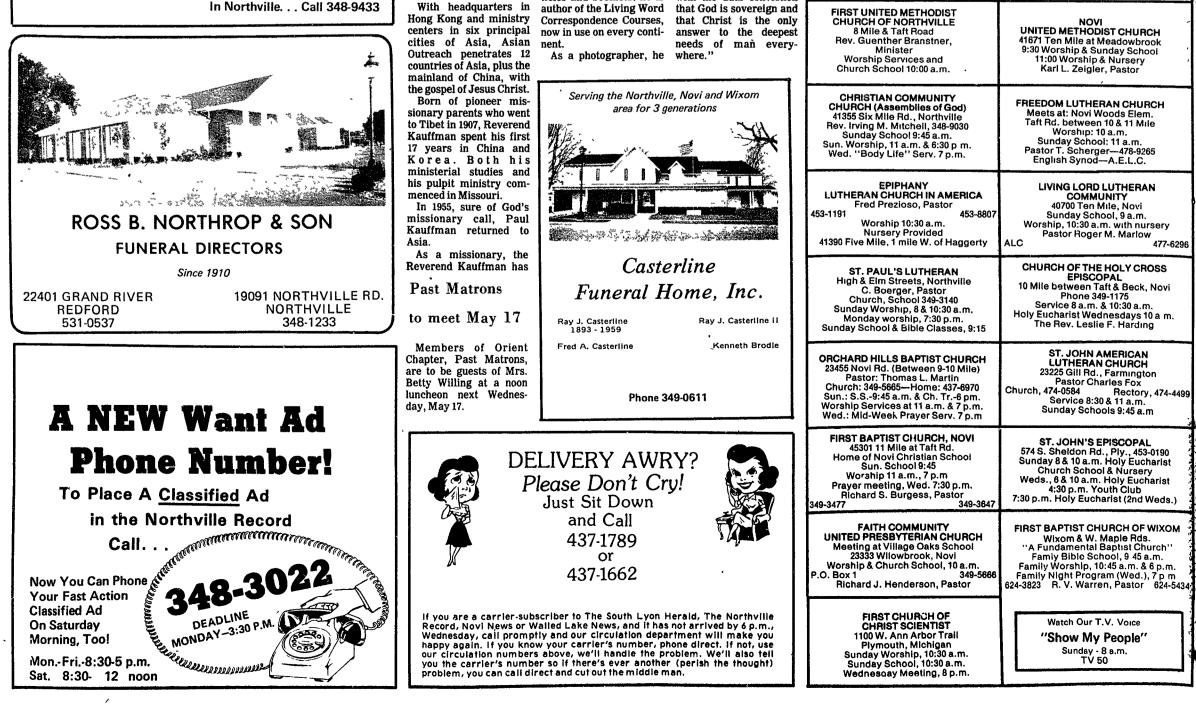
Daytime TOPS, 9 a.m., Presbyterian Church

at mission Sunday service

day at both the 11 a.m. national leadership. and 6:30 p.m. services.

Kauffman of Hong Kong, the founder-president of Asian Outreach, a unique Asian-based, Asianstaffed communications

Christian Community been used of God to birth has staged a one-man ex-Church, 41355 Six Mile, a third-world missionary organization which now carries on under strong



South Lyon, Plymouth homes to be open to visitors

Whether you're renovating an old a.m. to 4 p.m. Friday, May 19, sponome or just redecorating a presentlay one, going on a home tour is not ony an enjoyable day out but a way to garner lots of ideas.

Because of this, area home tours have enjoyed a great success. A host of nomes will be open next week.

The South Lyon area home tour is being held from 10 a.m. to 5 p.m. Thurs-day, May 18, under sponsorship of the South Lyon Historical Society with all proceeds to go toward refurbishing the Witch's Hat depot, the old train station meved to the community's McHattie ark. It, as well as five homes, will be open. The depot is to be turned into the city's first historical museum.

Tour tickets at \$2.50 may be purchased at the depot the day of the tour or in advance at this newspaper office or the Marquis shop in Northville. A luncheon at \$3 will be served by the Rebekahs at the Oddfellows Hall on Warren Street.

The Victorian home at 317 East Lake Street on the tour was built in 1880 and is the former Methodist parsonage.

Across the street at 324 East Lake Street the Gothic-style home built in the 1880's also will be open. It is filled with fine antiques.

Oldest home on tour at 616 East Lake was built 109 years ago and boasts a distinctive double entrance. Most of the walls are double brick and the woodwork is pine, grained to give the appearance of oak.

Also open at 235 Lake is a Victorian colonial home constructed in 1901 from a sketch made of a relative's home in Carey, Ohio. It features a square tower. Forty gallons of paint, many repairs and much work have transformed it ino a showplace for unusual antiques, amily heirlooms and craft pieces.

For contrast, final home to be open is a contemporary ranch at 630 Woodland Drive in an attractive natural setting. incorporated in the fover are antique eaded glass windows. The daughter's bedroom in pinks and greens contains a doll collection and doll house.

Five homes, including one with Driental decor, will be open on the 1978 Plymouth home tour to be held from 10

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NORTHVILLE

sored by Allegro's, Plymouth Symphony League. Tickets at \$4 are on sale at Four

Seasons in Northville in advance. Pro-Symphony.

ceeds are donated to the Plymouth Elegant contemporary pieces and desk.

mellow antiques are blended in a home at 663 South Evergreen containing an Eames chair and a pie safe and roll-top

Antiques also are used in a traditional home at 1440 Linden which features a country kitchen and French Quimper pottery collection.

The colonial exterior of the home at 10649 Jo Ann Lane gives no hint of the Oriental ambiance of the interior, home tour sponsors point out. Features to notice are delicate Chinese tapestry and Japanese screen from the Komo period.

The owner of a brick and cedar Cape Cod home at 12545 Lighthouse Court has worked closely with her decorator to achieve a look of elegance. A Bokhara rug was a Christmas addition to the foyer. The master bedroom has pink grass cloth walls.

At 12493 Lighthouse Court is a

beautifully landscaped home complete with stone waterfall and goldfish pond.

Grosse Pointe Garden Club Council, composed of 17 clubs, notes that many area residents have in the past attended its garden tours. The 1978 tour will be held from 1-5 p.m. on two days, Friday and Saturday, June 9-10.

Six exceptional gardens as well as the trial gardens at the Grosse Pointe War Memorial will be shown. Refreshments will be served on the terrace of the war memorial. Tickets are \$3.

Gardens include a terrace garden, a garden on University Liggett School campus, a garden landscaped about a pool and spa housed in a round structure with gazebo-type roof and a formal rose garden.





This Victorian brick home built 109 years ago in South Lyon is the oldest on tour

Novi-Northville

Chapter of Parents Without Partners announces it be hosting a metro-area dance May 20

at Mercy Center at 11 Mile and Middlebelt.

May general meeting

will be May 23 with a pro-

gram for newcomers at

7:30 p.m., meeting at 8

p.m. and speaker at 8:30

Friday night disco

Membership chairman

dance lessons are a sell-

out, organizers report.

Marie Newsted, 455-5234,

p.m. at the Park Haus.

Parents Without Partners

host metro dance at Mercy

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Basketry

When your teacher is Mary Ann Zotto-Beltz of Northville, right, your basket may taken on a most individual shape, even looking like à piece of headgear. Results of basketry workshop in which about a dozen local women participated are admired by Gloria Teeter who is displaying them in her Traditional Handcrafts shop in Mary Alexander Court this month.





Youth symphony holding auditions

School age area musi-cians are invited to participate in auditions of the Livonia Youth Symphony for 1978-79 membership in one of its three orchestras from 9 a.m. to noon Satur-

DAR meets perform in at least four concerts during the

Sarah Ann Cochrane Chapter, DAR, members will hear about "Benjamin Franklin — Man of Many Talents" at a sandwich luncheon at noon Monday at Greenmead, the historic Hill house on Eight Mile in Livonia.

The talk will be presented by Mary Putnam of the state DAR speakers' bureau.

LWV film

The League of Women Voters of Northville, Plymouth, Canton 4 and Novi asks area residents to watch a film, "Who's Minding the Shore?", produced by the league, that will be shown locally at 8:30 p.m. Saturday, May 13, on Channel 56. The problems will be tion.

examined from many points of view in the federally funded coastal zone management program.

day, May 20, at Stevenson High School in Livonia. Young players, who have included Northville students for many years, practice every Saturday morning of the school year at Stevenson and

season. Many elementary school string players begin their classical careers in the string orchestra directed by Judy Culler of Redford. This is the only Michigan orchestra which trains the very young musician. Cello, viola and bass players especially are needed.

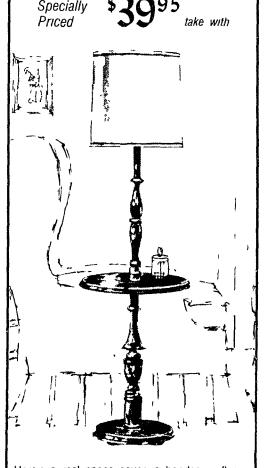
perform in at least four

A string student should have at least three years of training to audition for the junior orchestra conducted by Robert Randall of Livonia. Lester Farkas of Nor-

thville conducts the senior orchestra for which a high school student needs private instruction and advanced orchestra training. It is especially important for wind instrumentalist to try out at this first audi-

For additonal information Mrs. David Stockman, 591-3074, or Mrs. Richard Mozier, 427-4441, may be contacted.

Right on schedule.



LAMP and TABLE

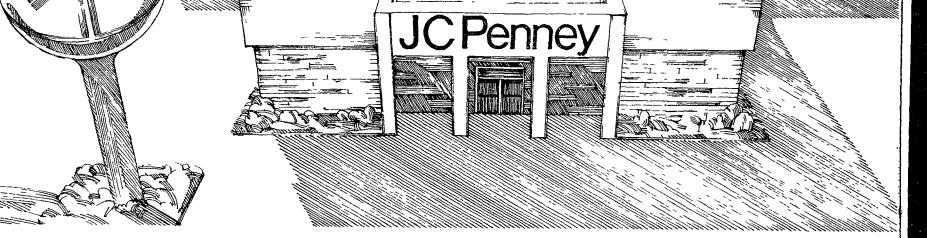
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HUDSON'S

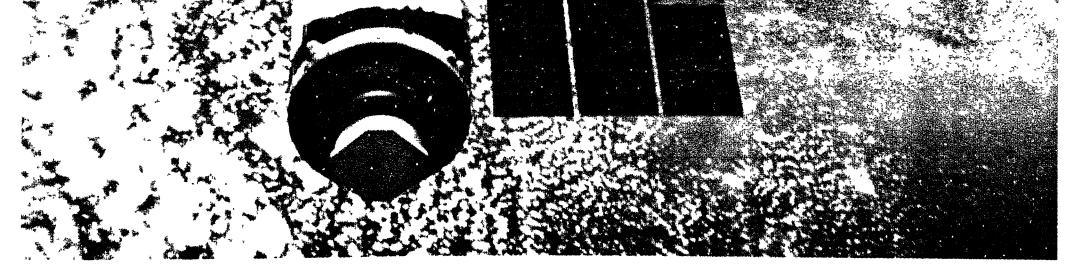
You're invited to some special events at Twelve Oaks Mall this month.

Treat Mom to a very special Mother's Day at our Mother's Day Tea in the Center Court from 2 p.m.-4 p.m. on May 14. Admission is free. For reservations call Center office at 348-9400.

Discover a new spring "Fashion Strategy" at our fashion shows on Wednesday, May 24, at 11 a.m. and 7:30 p.m.



MAY 10, 2003 VOYAGE INTO, THE FUTURE



May 10, 1978

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D BRIGHTON ARGUS D SOUTH LYON HERALD D NORTHVILLE RECORD D WALLED LAKE -NOVI NEWS

MAY 10, 2003 Editors Jack Hoffman Phil Jerome Dennis Keenon Rolly Peterson Howard Rontal Photographers Jim Galbraith Jack Margolis Dave Turnley Layout Dennis Keenon Bill McMillan Graphics. Linne Sopp Production Larry Miller

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Journey into future offers challenges

THERE IS ONE other thing you can expect out of the future besides death and taxes, and that is change. Tomorrow will be different from today. Whether it will be a bigger and better version of today, a scaled-downed and perhaps tragically painful version, or a radically different version, we don't know. Like you, we have no crystal ball.

But for this issue the entire staff at Sliger Home Newspapers has tried to catch a glimpse of what the future may have in store. "May 10, 2003" includes the predictions, visions, forecasts, and educated guesses of experts in a wide variety of fields — automotive designing, energy, lifestyles, religion, housing, communications, climate, health and medicine, government, space travel and others.

The city of tomorrow may be a network of communes, says one expert, in which small groups of people band together because the population density will require that everyone conserve space and energy.

The reports of the death of the nuclear family, which recently has been the object of scorn and bad press, may be exaggerated. There may still be mothers, fathers, sons and daughters in 2003. But given a trend toward communal living the relationships may not be quite the same as we know them today.

The extension of the human life span may affect the divorce rate. Society may be willing to accept as normal a life that includes three or four divorces if people are living active lives to 100 years of age.

In the biological and health sciences, the advances may raise more questions of moral, ethical and political importance, than of scientific importance. Should we keep a brain alive after the body has died? Should we transplant that brain to a healthy body? Should we produce test tube babies? The questions will be not can we do it, but do we want to. In space the turn of the century could bring the first orbiting, permanent space station. Satellites may beam solar energy back to earth.

Even the way we predict the future may be different in the future.

As you read these articles you might keep in mind that we all carry around hidden assumptions about the future, many of them negative. The future can seem bleak, forbidding, harsh and beyond our control. These negative concepts are expressed in the resigned and cynical statement, "We can't do anything about it anyway."

Such attitudes force us to give up altogether or turn to short-sighted solutions to complex problems. When the new day dawns and it proves to be dreary, we mumble angrily that we were trapped from the beginning. Given these negative attitudes, we are right, we were trapped from the beginning.

The future is a self-fulfilling prophesy.

You really can't predict the future. There are too many unknown variables. But you can make educated guesses by watching current trends in economics, politics, education, transportation and technology.

With such knowledge you can make intelligent plans. With hard work, nimble re-adjustments in the approach to your goals, continued re-definition of your vision and a little luck, you can have what you dream.

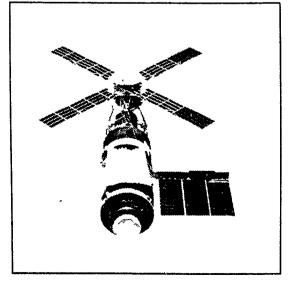
While we hope the articles are entertaining, "May 10, 2003" was written in the hope that it provides some of the information necessary to better your future.

Whether May 10, 2003 proves to be an expanded version of May 10, 1978, or something none of us has dreamed of, we hope you find the journey challenging, exciting, fulfilling and fun.

See you there. \square

About the cover

This is the final photographic look at the now deserted Skylab, shot from the com-



mand module by a member of the last department crew. Space agency engineers recently resumed radio contact with Skylab for a maneuver aimed at preventing it from falling to earth before astronauts again occupy it. The orbiting laboratory was contacted in March after four years of silence in space, and engineering data shows the 84-ton ship's condition is almost as sound as when men last occupied it. Skylab was launched May 14, 1973, and manned for a total of 168 days on three different occasions. The space agency expects atmospheric drag to pull Skylab back to earth as early as the summer of 1979.

The photo was made available to the Sliger Home Newspapers by NASA.

SPACE



Space 'gadgets'

VIII WOrk

Even Buck Rogers would marvel at the fantastic space "gadgets" that very likely will exist in 2003 — just 25 years from now.

For example:

A satellite solar power station, 22,000 miles in space, will soak up sunlight and beam more electrical energy back to earth than is now generated by the Grand Coulee, Hoover, and St. Lawrence dams combined. Enough energy to supply all of the needs of the largest city on earth.

Within the first two decades of the 21st Century, power stations will be providing 25 percent of all of America's electrical requirements.

For example:

Instead of dialing your friends at their homes or offices, you'll dial them directly - linked by wrist radios and satellite.

Mailing letters will be simpler and quicker. No more one, two or three days delays. Your letters will be "delivered" electronically by satellite. Mail will be faster, less costly and more reliable.

For example:

Insulin, the substance that keeps millions of diabetics alive, will be manufactured in a space factory at a fraction of its present cost. This single space marvel will have solved one of man's great worries since it is expected that within 10 years the supply of insulin will not be able to keep up.

These are not the imaginations of a comic book creator. They are the serious predictions of men and women, who see space exploration as more than man's insatiable appetite for adventure.

K. A. Ehricke, chief scientific advisor of advanced programs for the space division of North American Rockwell, explained.

wonders

By Jack Hoffman

"In the past, unknown regions of our planet could be explored just because they were there. We did not necessarily have a need for what we explored. As it was, we seemed immersed in an apparently inexhaustible supply of resources.

"Today... this romantic notion is no longer adequate. We explore space not because it is there, but because we need its potential. This we must recognize clearly, because it is the key to our attitude toward the space effort."

Take next year's planned Space Shuttle, for example.

It will "be our first real space transportation system... very much akin to the early development of railroad transportation systems," Lauren D. King,

Space 'gadgets'

public information offices of NASA's Ames Research Center in California, told this reporter.

Thus, King sees the Space Shuttle as a new, important step in development of transportation — not simply a quest of adventure.

Congressman David A. Stockman, R-Michigan, one of the most vocal of Congressional advocates of space exploration, is convinced the Space Shuttle program makes "a permanent high orbital space transporatation system a near-term reality" that sets the stage for the marvels of 2003.

Too often overlooked in space exploration, scientists have pointed out, is the fact that in addition to achieving or attempting to achieve specific goals, space exploration already has spawned a vast number of spin-off benefits.

"In the aggregate, (these space-related developments) amount to significant benefits to our mode of living and to the national economy," said James Haggerty of the National Aeronautics and Space Administration (NASA).

But what of tomorrow... by 2003?

"The possibilities are endless, but the probabilities are not so far-reaching," said King.

He outlined some of them for this publication:

"Weather — Weather satellites are common now, and yet we're still only partially successful at predicting whether it will rain on Sunday's picnic. But in 25 years accurate predictions 24 hours in advance will be a piece of cake. So, probably, will be long-range predictions of climate conditions a year or two ahead.

"Accurate predictions of a week or two will be tougher. The earth's weather system is tremendously complex, but the application of computer technology to weather forecasting, coupled with new knowledge gained from studying climate on other plants as well as the Earth, should provide major breakthroughs in forecasting and, to some extent, weather and climate modification.

"Communications — Instant, point to point communications between any two spots on Earth, via 'Dick Tracy wrist radios' will be a fact. The technology exists now, using a system of ground relay stations and satellites. The system would transmit video also, provided the user community is willing to make the investment.

"Travel — Here again, almost anything is possible. A one-hour trip from the U.S. to Japan, for instance, using a vehicle which would fly almost ballistic trajectory into space, then land like an airplane at Tokyo International. Possible, but is it practical? Supersonic transportation will be common, and aircraft speeds of several thousand miles an hour (hypersonic) will be possible.

"Energy — The quality of life on earth 25 years from now depends almost entirely on how we solve the current 'energy problems.' One attractive, though expensive, possibility is obtaining energy directly from the sun by means of a number of huge satellites in synchronous orbit. These satellites would beam solar power to Earth receive stations by means of a microwave link. "Space Manufacturing — The availability of the weightlessness and perfect vacuum of space opens the door to a variety of potential manufacturing uses. New, lighter, stronger materials are the likely result of space processing, and there are also strong implications for the drug industry. Brian O'Leary, Princeton University research physicist who is developing concepts of satellite solar power stations constructed of lunar and asteroidal materials, is convinced space power statsions could be "an economically competitive and environmentally sound means of providing abundant energy for much of the world as early as the 1990's.

Metals, glass, oxygen and ceramics are abundant in lunar and asterodial material, he noted, and are easily obtainable and could be processed rapidly in large quantities by a solar-powered factor in space.

"If the environmental effects of the microwave transmission of energy through the Earth's atmosphere prove to be as small as early tests and calculations have shown, we could expect more than a trillion dollars worth of electricity delivered worldwide by early in the 21st Century from space. The payoff would be far larger than the investment, including interest."

O'Leary predicted receiving antennas will "replace oil, coal and nuclear fission power plants as central stations for base-load electricity which would be delivered through the existing power line grid."

What's more, O'Leary is convinced satellite generated electricity could also replace oil as transportation, heating and cooling fuel.

"By 2003, I expect to see the space transportation system operational in space, together with permanent manned statsions," Congressman Stockman said.

"These manned stations will be involved in the manufacture for in-space use, and may well be making progress toward production of products for earth consumption."

Stockman named three main directions in which commercialization of space technology will be mvoing by the year 2003.

"First, we currently have the technology to greatly improve our communications satellite system," he said. "Regular trips by non-expendable vehicles will provide us for the first time with the ability to service satellites already in orbit.

"The potential savings are fantastic...

"By 2003, therefore, I expect to see satellite relay as a major element of virtually all of our communications.

"Second, the potential in specialized manufacturing in space is not limited to the manufacture of specialized equipment. Many articles, such as drugs and pharmaceuticals, magnets and superconductors, optical fibers and specialized crystals of many different kinds might well be produced with significant production savings...

"Third, the capacity to easily and cheaply deliver a wide range of specialized satellites will open up new horizons in the effective and environmentally sound management of the Earth's own resources... According to the space division of Rockwell International, the platform will be made in space. Assembly of the 900-foot antenna will require three Shuttle flights. The assembly operation, requiring obiters with extended-mission capabilities, will take six to twelve months.

Dr. Gerald K. O'Neill, Princeton University professor and author of the best-seller, "The High Frontier", sees the solar power station as a major step toward a space colony of humans. He doesn't anticipate the colony to become a reality by 2003, but the professor believes it and others will exist by the year 2025.

He envisions power stations as the forerunners of large space settlements.

In looking ahead to 2003, or as Dr. O'Neill does to 2025 and his space colonies, many of the nation's space experts couch their predictions in caution. "These things will become reality by 2003 IF...."

And that 'if' is a big one. What really occurs by 2003 will depend on "the kinds of political decision which will be made over the next few years," a NASA spokesman told this reporter.

The political climate today is far different than the climate that spawned the Apollo moon program, space enthusiasts noted. That program, in fact, may have so drained the nation's enthusiasm and its pocketbook that it may be years before a similar commitment occurs.

* Indeed, Senator William Proximire, D-Wisconsin, reflects a widespread public attitude when he said of O'Neill's plan: "Not a penny for this nutty fantasy."

Money, he and others have argued, can better be spent on Earthly problems than on space travel.

Some space advocates would have the government play the major role, while others insist the private sector must carry the burden of cost. In between is a smaller segment that sees government as the leader, offering direction and "seed money."

Given the potential benefits that he sees so close to man's grasp, Dr. O'Leary chomps at the bit.

"Why do we hesitate?" he asked rehetorically.

"Heavy commitments to current energy programs, uncertain federal jurisdictions over satellite solar power, a tentativeness within government and industry for funding new long-term projects, a national skepticism about technological 'panaceas,' and a general pessimisim — all of these factors are obstacles.

"In short, space exploration will shortly pay off, not only in Buck Rogers contraptions, but in concrete improvements in the quality of life for every person on Earth.

"Nowhere is this potential for solving Earthbound problems from space more apparent than in the future of solar energy satellites...."

The big difference between the man-made space objects circling the Earth today and those, such as solar energy stations, that will exist in 2003, is that the future objects will be vastly larger and they will have been constructed in space.

For example, a 900-foot diameter antenna platform sutiable for transmitting electronic mail will be assembled at an altitude of 300 miles. But, the Princeton physicist added, "the stakes are too high to be tentative in starting to test and demonstrate the steps required to prove the concept. The alternative appears inevitable and unacceptable..."

If the obstacles continue, what then might we expect in 25 years? he was asked.

"My most conservative prediction of 2003 is that the world will become increasingly a quagmire of over-population, overpollution, and be starved for energy, food and resources.

"By careful planning and foresight in starting to use the abundant materials and energy available beyond the Earth's biosphere, a more pleasant scenario of abundance with the opportunity for new arenas of human exploration will emerge." \Box

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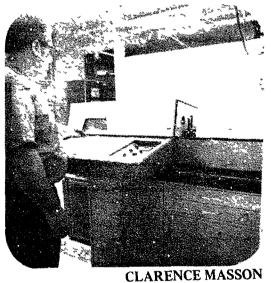
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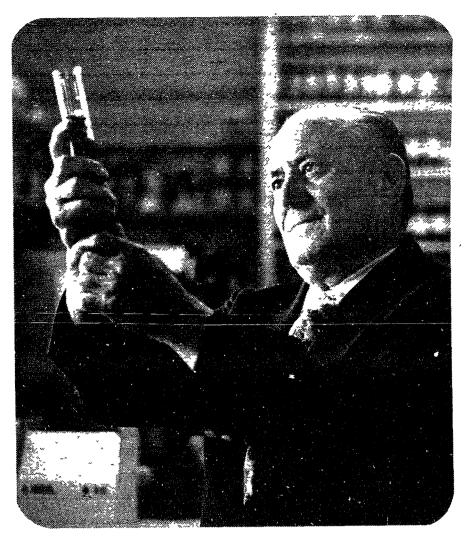
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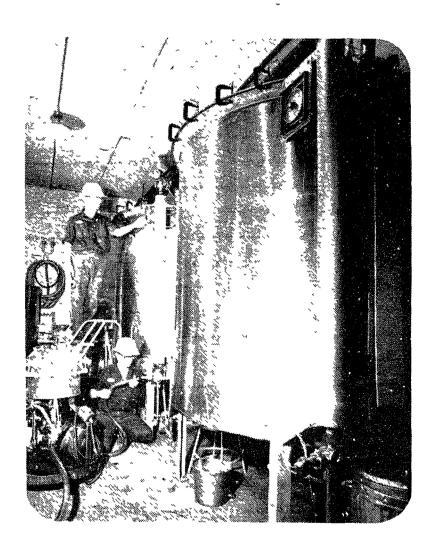


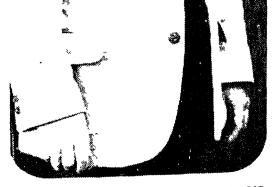


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-Paul Newman

Housing costs will be out of this world in 25 years

By Jack Hoffman

SHAPES WON'T BE a whole lot different, but, oh, if you think house costs are high today, consider what they might be like in 2003.

Conservative predictions of housing officials suggest at least a tripling of costs within 25 years, but those costs easily could be four to ten times greater than today's figures.

According to the National Builders Association in Washington, D.C., the nationwide average cost of a single family house last year was \$48,000.

Thus, if predictions prove accurate, the average 2003 house may cost anywhere from \$150,000 to \$500,000!

And if the six-digit house seems farfetched, officials remind readers of what has happened to housing in just the last decade.

Most houses have doubled in cost in that period; many are triple the cost of what they were in 1968.

William Pulte points out that today's house is "worth anywhere from four to ten times what it cost you 25 years ago. People who built homes five years ago have seen the value of that home double, in some cases triple, in just the last five years."

Howard Keating, another Michigan developer, predicts the cost of the average size house will balloon to \$70,000 in just the next five years.

Trying to anticipate future house costs, Keating was reminded of how shocked he was when President Harry. Truman, in a State of the Union address, suggested the average house cost would one day be \$15,000 to \$16,000.

"At that time (the average house) was going for \$6,800 to \$7,000. Well, as a developer (and) being in the industry, I couldn't conceive of houses costing an average of \$15,000 to \$16,000." Today, with the average house cost approximating \$50,000, Keating notes that those making predictions of tomorrow's cost evoke the same kind of amazement as did Truman years ago.

Despite the high cost of today's housing in the United States, it pales in the face of costs in other countries.

The cost per foot today in the U.S. is \$25 to \$30. But, in West Germany, "to build a 1,000 square foot home, the cost per square foot is \$90." says Keating.

(A modest size house by today's U.S. standard, according to Pulte, is 900 to 1,000 square feet. Many houses, particularly in the more expensive subdivisions, exceed 20,000 square feet. The nationwide average last year was 1,680 square feet).

In Toronto, for example, a lot on which a house can be built is selling for \$50,000 to \$60,000.

"My point is that, yes, we are not used to those high prices, but the rest of the world is."

Is there no ceiling?

"There's no ceiling if we can find mortgage sources to structure mortgages that will enable people to buy," according to Pulte and Keating.

Future housing costs, therefore, will demand some "creativity in the mortgage market." It is either that or the public will no longer be able to afford single family housing.

And that, according to Charles Jencks, author of Architecture 2000-Predictions and Methods, is precisely what may happen. People will no longer buy houses. "An ever larger number of people," he predicts, "will rent, rather than purchasing." Fred Greenspan, owner of one of the larger housing development firms in the metropolitan area, tends to agree.

Cluster living, today most often equated with condos, will characterize much of the new housing in the early years of the 21st Century, he says.

"I think you will find a large part of the population living in dwellings like apartments and condos. High rises in what are now rural areas may be common, and high rises in even rural settings (of 2003) may not be uncommon."

Single family housing, which probably will represent a much smaller percentage of the housing in 2003, will be smaller — reflecting smaller size families and spiralling costs.

Skyrocketing suburban land and housing costs, some housing people predict, will have led to reversal of the migration of people to the suburbs by 2003. By then, they believe, central cities such as Detroit will have experienced a rebirth of city dwellers.

Concerning future cities, Planner Melvin Webber has developed the concept of "interest community." This concept implies that communities comprise people with common interests who communicate with each other.

These "interest communities" of the future, he suggests, "will be increasingly formed on the basis of friendship, ideology and professional interest, and less on the traditional basis of propinquity, neighborhood, family and social caste."

Although Greenspan predicts tomorrow's housing will include far more built-in "people conveniences," he doesn't anticipate substantial changes in the exterior design of housing.

Perhaps the biggest exterior changes will be the design of roofs, which, if solar heating and cooling becomes commonplace, will necessitate redesign to catch the sun's rays.

Fewer windows may be present in 2003 housing to preserve energy.

"Solar energy isn't something new. It's been around a long time," says Greenspan. But, in view of the energy crunch, he feels reasonably certain that it will become one of the most, if not the most important energies of 2003.

If space technology proves suc-

cessful, it may mean that solar energy will be fed back to earth from giant satellites. And, if that occurs, it may be more economical to purchase solar energy rather than build solar energy devices into individual homes.

HOUSING

Nevertheless, Greenspan is moving ahead in this area. His firm will construct an experimental solar energy house in Northville this summer, from which it will collect data to determine economics of such a system. In 1980 the house will be sold, and under an agreement with the owner, Greenspan will monitor effectiveness over a two-year period.

Lumber, predicts Greenspan, probably will remain the major building material well into the 21st century. Inside the houses, however, "lots of plastics — in building accessories and in furniture — will come into play.

"Lumber will be around for a long time to come. It is very resilient. You can cut it, glue it, drill it, grind it, shape it, nail it, screw it, bend it and paint it."

The interior "people conveniences" referred to by Greenspan, were discussed by Jencks.

He says these conveniences will "vary from ultra- sonic dishwashers to thermo-electric serving carts that blow hot and cold, from luminiscent walls and curtains that are sparked off by excited phosphers to remote control radios in touch with the master switch at home, so that one can turn on and off the garden spray, cook the food, clean the house, empty the garbage, wash the car (again by ultra-high frequency vibrations) and rotate the TV antennae while all at the same time one is playing bridge a hundred miles away."

He goes one step further, suggesting that because it is more economic to move things than people and because of the increase in specialized industries such as eletronics, "it may well be that the future home will take over many of the functions of today's factories."

In other words, what he and others are suggesting is that the homeowner of 2003 may push a button to produce some materials at home rather than ordering it from the factory or the store. \Box

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Foods. . . they will change

By Mike Lash

YES, EATING WILL still be among our most important daily concerns at the turn of the 21st century. The foods we eat and the places we shop, however, could be distinctly different.

That, anyway, is the way most experts see the future of foods and the food service business, much of it based on trends that are occurring today.

One of the most significant changes, some suggest, might well be the American diet itself. Recent studies have been increasingly critical of the way we eat now, resulting in a push for smarter eating habits.

In addition, food supplies in many other areas of the world are seriously jeopardized, prompting scientists to look for new ways to feed the world's poor.

So what might you expect to see on the dinner table 25 years from now?

How about things like single-cell protein-enriched vegetables? Or squid stew? Or things like triticale bread, okra and green bean bits?

While our traditional staples — meat, potatoes, vegetables and fruits — will still be around, scientists are seriously looking at several alternatives similar to those above.

Single-cell protein (SCP) foods, for instance, are seen as an extremely advantageous and viable alternative to today's protein foods. Generally speaking, SCP is the generic name for a group of one-celled micro-organisms like yeast, bacteria, fungi and algae.

It's currently used in the production of wine, cheese, beer, bread and yogurt, but scientists say its food producing capacities are almost limitless and hope to use it in the form of vegetables and meats as well. The only real obstacles blocking its acceptance now, in fact, says Provesta Corporation (an SCP-making subsidiary of Phillips Petroleum Company) president Emil Malick, are a reluctance of Americans to change their present diet and a lack of need. The people who most need it right now (underdeveloped nations, in particular) are the ones who can least afford it. Man's greatest potential source of food, though, is the sea. While America's abundance of food might slow the acceptance of new seafoods in this country, most experts feel that more and more of the foods we'll be buying in the future will come from the ocean.

In a recent article in Science Digest, for instance, nutritionist Barbara Kale says tomorrow's menu will contain a far greater variety of both fish and vegetable seafoods, including such unappetizing sounding delicacies as squid, dogfish, industrial fish cakes and various types of seaweed. Fish, she predicts, will eventually replace meat as a staple.

Other things to look for in tomorrow's nutrition-conscious world will be protein-rich food like triticale bread, a cross between wheat and rye that results in a high-protein grain called triticale; okra, a plant whose sticky green pods provide the distinctive taste in gumbo dishes and are a good source of protein; even high-protein popsicles that are as "nutritious as a hot school lunch," say a Florida professor named James Cade, and that don't drip as much as traditional popsicles.

And how will we be buying such foods?

Apparently we'll be shopping in huge "superstores," somewhat akin to today's Meijer's Thrifty Acres. They seem to be a natural development arising from today's growing concerns over soaring food costs and the need to adapt to its consumers' ever-quickening lifestyles.

The superstore, simply explained, would be a far bigger than average supermarket that would stock not only a greater variety of food items then today's market, but would offer an adequate line of all of a shopper's routine buying needs. In other words, instead of going to the supermarket for food and then to a nearby drugstore for most other home and hardware needs, a shopper could purchase everything - including shoes, clothes, lawn and garden products, home appliances, automotive equipment, records and hobby supplies, health and beauty aids, perhaps even pets - from one center. According to a recent Harvard study by professors of packaging Walter Salmon and Stanton Cort and business adminstration professor Robert Buzzell, the stores would average some 30,000 to 35,000 square feet in area twice the size of today's average supermarket — and would for the most part replace today's supermarket.

Ham and Eggs

While today's stores generally stay open from about 8 a.m. to 10 p.m., the study forecast longer hours of operation — perhaps 6 a.m. to 1 a.m., for example — and a far greater variety of food brands and food products from the superstores of the future.

Another possibility in the area of food markets is the automated store, an innovation that's currently seeing moderate success in Japan. There shoppers in scattered experimental stores purchase their goods by inserting magnetic cards into vending machines stocked with various types of food.

They then select the item they want, push a button that releases a door lock and remove their purchase. At the checkout counter — and one is usually all that's needed — the magnetic card is inserted into a special cas register, and a computer instantly spits out an itemized sales slip.

But according to Hugh Lockhart, a former Northville resident and now professor of packaging at Michigan State University, the automated store concept has been thrown around "since the '50's" in the U.S., and he feels it won't catch on. Among its major drawbacks are that the items can't be touch tested, and exchanging or returning items is a long and complicated process.

Lockhart also has some interesting ideas about how foods will be packaged in the future.

One thing he figures we'll be seeing a lot more of are foods wrapped in newly developed retroflexed containers rather than in boxes and cans, saving the industry unnecessary packaging costs.

He also feels we'll be seeing a lot less family size portions of foods, though, in direct relation to a projected drop in population growth.

Another money saving prospect, he says, will be synthetic foods. According to Lockhart we can expect tomorrow's superstore shelves to be stocked with dozens of foods, from vegetables to dairy products to snacks, that resemble bacon bits and come ready cooked.

A recent article in Changing Times magazine, in fact, notes that frozen spinach, egg, fish, cheese and fruit pulp chunks are already on their way. According to the article they are far less bulky than their present counterparts and can be poured from a plastic bag like frozen peas or corn kernels. \Box



We can expect shelves to be stocked with foods that resemble bacon bits and come ready cooked.

Plastic money will fill wallets

By Phil Jerome

YOU'D BE FOOLISH, of course, to throw away your money... to bundle up those one, five, and ten dollar bills with your nickels, dimes, and quarters and toss them out with the trash.

But the day is coming - perhaps a lot sooner than 2003 — when money, as we know it today, will be an obsolete commodity... something to be seen in museums as a vestige of an outdated society when it was passed from hand to hand in exchange for various types of goods and services.

Perhaps the most interesting thing of all about the predicted disappearance of money as a form of exchange is that it's really not such a surprising revelation.

The process has already started. In fact, it started a long time ago.

Hardly anybody, for example, pays money for a car anymore. Instead, you write out a check, turn it over to the owner of the vehicle, and he gives you the automobile.

Or. You and the missus decide to take a dream vacation to Hawaii. But instead of going to the bank to draw out several hundred dollars, you go to the bank and order some travelers' checks.

Why? Because you believe the man on the commercials who insists that travelers' checks are "safer than money."

The best known example of all, however, is the increased use of plastic - credit cards.

Armed with the proper assortment of credit cards, it is entirely possible to drive out to the airport, board a flight, and travel all the way around the world, eating at all the best restaurants and never once using any money.

Robert Laurian, a vice-president with Manufacturers National Bank, admits that he very rarely carries much money with him any more. "I simply don't need it," he explains. "I can conduct virtually all my transactions by merely pulling the proper credit card out of my wallet."

The key word to the future of money,

Continued on Page 11

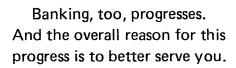


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FASHIONS

Ties are out, women's suits in for future dresser

• Don't expect to see the mini-skirt return within. 25 years — or ever.

• Do anticipate that women still will be wearing pants in the year 2003 — but, with more women working, suits will be high in popularity.

• And by the year 2003 men's suits should be more comfortable, without interfacing. But don't save your ties — for they'll be replaced by something looser by then.

• Blends of materials will be used for more comfortable functional clothing for men, women and children in 25 years.

• But everyone will be paying more for that clothing — probably as much as \$400 for a man's suit.

These are among the predictions of people who are earning their living in the fashion field today.

To obtain a composite picture of what may be in fashion in 25 years we asked such veteran designers as Bill Blass, who correctly anticipated the demise of hats and gloves more than 10 years ago, to look into the future.

We also went to Sears, Roebuck and Company, the catalog people from whom Americans were ordering their clothing back in the 19th century.

"Where's my dart board? quipped Paul Rogers, Sears Men's Store fashion director, who visits European and American fashion capitals twice yearly.

Then he and Mary Lou Bilder, fashion/activities director for Sears' 12-state Midwestern territory, took a serious look into the future, basing their views on their professional experience.

The mini won't return, said Ms. Bilder, because energy shortages will necessitate more clothing, not less.

"Winters are getting too cold," the Chicago-based expert stated, backing up her prediction.

The women's liberation movement and more women with professional training that they don't intend to let go unused, as well as economic necessity with continued inflation, are expected to place increasing numbers of women in the work market.

"Suits will be a necessary mode of dressing, not only for warmth but for business as well. Although fashion will have a continued casualness, there will be times when a woman will want the refinement of simple lines," was Ms. Bilder's summation.

"As a total group, American men are the best dressed men in the world," Rogers said, indicating that he doesn't think the increased interest in men's fashions will change. "The American male has more color, style and variety in his wardrobe, and the average American man is better dressed (than his European

By Jean Day

MAY 10, 2003



counterpart)."

The trend in 25 years, he thinks, will be to soft tailoring and a "sweater look" to cloth in new blends that will be geared to "function and comfort."

He went out on a limb, predicting, "Something will happen to neckwear. It won't be something that grabs at the neck. Men's wear will have a bigness, a looseness."

Right now, he pointed out, men's clothing is being cut in new combinations of materials never before available, such as polyester, linen and wool. New, man-made blends of the future, he feels, "will be able to breathe," an important break-through.

Ms. Bilder sees more separates for women who will want to vary working wardrobes.

"But there will be lots of options, and a lot of variety," she foresees.

Diane Von Furstenberg, the 31-year-old Belgian born

Continued on Page 24



Continued from Page 9

says Laurian, is "utility.".

Past civilizations have been known to have used huge slabs of stone as their medium of exchange (money). Today we look at those pieces of stone with a degree of bewilderment. We wonder how such a form of money could have been at all practical.

If futurists are correct, future civilizations will someday look at our present medium of exchange with the same sense of incredulity.

Laurian points out that our present form of money does have one major advantage: proof of ownership. "All you have to do is have it and it will be accepted," he says.

At the same time, our form of money has certain disadvantages as well. It can be lost, it can be stolen, and it can be destroyed by fire or any one of several other means.

And once it's gone, it's gone. There's no way of retrieving it.

As a result of this disadvantage in our basic medium of exchange, there's substantial room for improvement. The ultimate form of money will not have this disadvantage.

The wave of the future appears to be tied up in something called electronic fund transfer systems (EFTS).

Banking institutions are already deeply involved in the study of EFTS and there is a National Commission on Electronic Fund Transfer Systems.

By strict definition, an EFT is one which concurrently charges one bank account and credits another. The two affected accounts may or may not be at the same bank. It is a transfer of funds which either in its entirety or in its significant aspects is handled via electronic means.

The preliminary incursion of EFTS in our society can already be seen in the Automater Teller Machine (ATM) which is a through-the-wall device which gives the customer access to his funds on a 24-hour per day, seven-day per week basis.

Today's ATM enables a customer to receive cash, make a deposit, transfer funds between accounts, pay bank loans, and pay bills through the use of his plastic debit card.

James A. Schaaf, a vice-president with the Community National Bank, notes that the ATMs are fast becoming a necessary part of the services offered by a full-service bank.

The ATM offered by Manufacturers National Bank is known as "Cash Man" and Laurian reports that use of the Cash Man card is continuing to rise impressively as customers become familiar with the system and recognize its basic utility. Today there are almost 100 ATMs in use throughout the metropolitan area with the National Bank of Detroit, Manufacturers National Bank, and City National Bank leading the way with the most units installed. Within a few years, however, the ATMs could be replaced with another form of electronic fund transfer system known as a "Point of Sale" (POS) terminal.

possibly be the purest EFTS system. While the ATM terminal permits the customer to make various transactions within his accounts, the POS would permit the customer to purchase goods and services without ever having to rely on money.

As the ATM and the POS terminals become more widespread, the credit card could well be replaced by the debit card.

The debit card permits a bank customer to utilize some of his bank's services at an ATM or POS terminal by giving him access to his funds which are on deposit with the bank. A credit card, by way of contrast, gives the customer access to a pre-established line of credit.

"In other words," explains Schaaf, "the credit card is used to borrow money; the debit card provides the customer with new ways to use his own money which is on deposit with the bank."

One of the keys to the implementation of the POS terminals is a change in state law which would permit banks to readily place terminals in shopping centers, office buildings, etc.

Schaaf reports that Wisconsin may be a good example of what will happen when the laws in Michigan are relaxed.

He reports that there is a statewide network of almost 500 terminals in Wisconisn of which half are ATM and half are POS. They are all hooked together through a computer switch. As a result, no matter where you live or bank in Wisconsin, you may use your plastic debit card in any of the terminals.

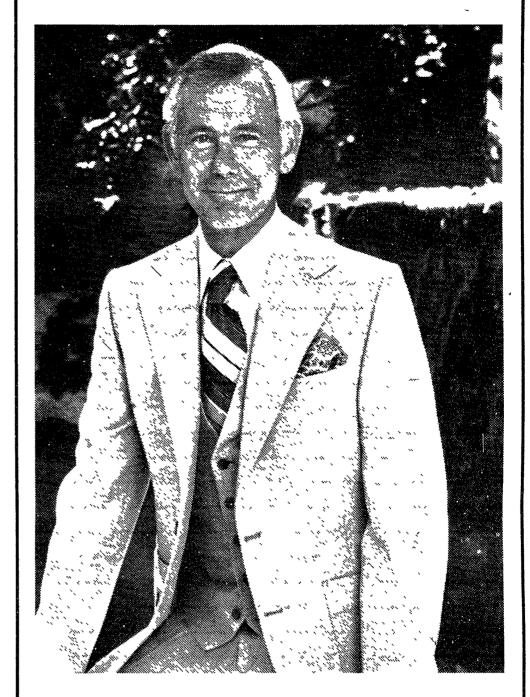
Ultimately, the EFT service could lead to the complete replacement of our present form of money.

Schaaf reported that a relatively new EFT service involves the preauthorized credits (deposits) and debits (payments). An employee, for example, may authorize his employer to deposit his net pay directly with the bank.

Major advantages to such a service are that it would cut postal and check writing costs substantially.

As a matter of fact, such services are already being provided through the EFTS terminals at Community National Bank. About 15,000 Consumers Power Company customers have their monthly bills charged automatically to their accounts. And Oakland University has arrangements with the bank to automatically deposit the pay checks of faculty and salaried employees.

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Schaaf believes that the POS might

The EFTS is still in its infancy. Many improvements must still be made, some of which get into the sci-fi realm.

For example, Laurian suggests that the debit card may be obsolete by the time 2003 rolls around. The POS terminals may have evolved to the point that they will accept a thumb print as a means of identification. All the customer would have to do would be to place his thumb on the terminal as a source of identification and the electronic equipment would swing into action.

But hold onto your money. You need it today and in 25 years it could well have historical value. \Box

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SPORTS

MAY 10, 2003

Women's sports will soar

By Bill McMillan

THE FOOTBALL IS snapped. The quarterback scampers safely behind his wall of blockers looking for a receiver.

Suddenly, the opposing linebacker rushes through the line and sacks the hapless ball carrier, crushing him to the artificial turf. No hard feelings, though, as she helps the quarterback up to his feet.

She?

Yes, in the 2003, football, baseball and hockey team rosters will include both males and females — at least in high school. Allen Bush, director of the Michigan High School Athletic Association, thinks that a male offensive guard could be staring down on a female tackle ready to throw a shoulder pad into his body at the snap of the ball.

Tickets for a Michigan State University football game will cost you \$24 in 2003, Nick Vista, assistant sports information director at MSU, guessed. But don't be alarmed. By then inflation may even raise the cost of a loaf of bread to \$3.

By the year 2003 people will be fed up with sitting around the television watching professional athletes earning their six figure salaries and go out and play the games themselves, believes Bob Goodwin, assistant executive director of the National Sporting Goods Association, an agency representing manufacturers who will sell \$13 billion worth of sport related equipment this year.

The roots of sport are firmly entrenched in tradition. But added to the thrill of victory and the agony of defeat are free agents, player unions, court suits over hockey fights, multi-year multimillion dollar contracts and a case of "musical franchises" in which an owner moves his team from city to city until he finds one that will shell out enough bucks to make the stay worthwhile.

Records are broken daily. Looking 25 years ahead can be a brain burdening prospect.

Two five-letter words could probably decide the future make-up of the world of sports — MONEY and WOMEN.

"I don't think the interest in sports will ever abate, but finding financing in the future can be a problem," Vista explained of the college scene.

He has been in the sports business for over 23 years and doesn't see a big change in intercollegiate sports in the next 25.

"The major move in sports will be the increasing participation of women," Vista added, stressing that women's



basketball may rival some major male dominated sports.

"But the heavy influx (of women) has put a financial strain on colleges. Men's sports will level off and some of the fringe activities (golf, tennis) will suffer."

Vista does not agree with some trainers or Bush that women will eventually participate in male contact sports including football. "Some (trainers) even say that women are much stronger physically," Vista pointed out.

Colleges depend on high schools for their athletes. But millages become harder and harder to pass as homeowners grow tired of seeing their taxes rise. Many times the first activities to go when the money gets tight are sports.

"I think that some school districts will decide that they don't have to have a school sports program," Bush said.

"Others will place emphasis on major sports. Sports like golf and tennis in which someone can learn to play by themselves will be dropped."

Bush adds another five-letter word which he feels will affect sports in the future — ENERGY.

As the possibility of travel is reduced because of the energy situation more people will go back to participating in activities in their area instead of driving to sporting events, Bush contends.

Energy will reduce the number of high school teams. Leagues will be reformed with geography being the prime consideration to cut down on travel time and save fuel. Some schools in remote areas will be hurt.

Bush sees year-round schools that shut down during the high energy use winter months in the future. "Natural" sports seasons may flip-flop. Basketball could become a summer sport.

One group that finds it hard to predict what will happen in the sports world in the year 2003 is the one that actually produces sports equipment.

"It's almost impossible to predict more than a year ahead because sports are fadish and dependent on weather and economics," sighed Goodwin of the Sporting Goods Association.

"The trend is towards individualized sports," Goodwin pointed out. "It started back in the 1960's when President Kennedy pushed physical fitness."

Tennis equipment sales have grown from \$28 million to \$600 million last year, Goodwin cited. "Two points may not seem like a lot but each one represents \$9 million."

College students will continue their "back to nature" kick as hiking and backpacking sales continue to grow.

"People find fishing hunting and camping self-satisfying and a test of their strength against nature," Goodwin said. "They will remain popular."

Although very "in" now, racquetball will not expand like tennis because, Goodwin feels, it is "too athletic." Older men and women can play tennis and other stable sports (and moneymakers) like golf.

"People will continue to move away from just being spectators," Vista agreed. "Intramural sports are doing well. We are planning a new IM (intramural) facility at MSU."

Will there be new sports in the year 2003?

One recent movie, "Rollerball," took a futuristic look at sports and violence. Men on motorcycles careened along a track carting warriors on roller skates. They had to break through a line of men armed with sharp spike covered gloves and helmets. The team that survives wins.

Goodwin feels that traditional sports will continue to be the most popular ones. An association survey showed that the only sports that might gain future attention are soccer and LaCrosse.

"The pendulum keeps swinging," said Goodwin. "Sports are a fad. People want to do whatever the beautiful people are doing."

People are indeed fickle. Ten years ago the sporting goods people projected that cross country skiing would be the rage. It fizzled. Now it is booming.

The organized team sports that Goodwin thinks will be big in the future are gymnastics and girls' basketball.

"But people only want to be so organized," he added. "Pretty soon there will be organized flag waving."

Another area of concern is the Olympics. Political strife has plagued the games. Vista is not so much worried about that problem of the event but the enormous cost of staging it.

"Montreal spent over \$600 million for the games on stadiums and facilities," he explained. "That is an awful big blast."

He foresees a permanent Olympic site, probably in Greece where the games started. Another possibility is to rotate the Olympics at various existing sites.

12-SLIGER HOME NEWSPAPERS-Wednesday, May 10, 1978

Baseball equipment and uniform sales make up 25 percent of the market. It will grow, Goodwin says, because "bar league" softball is becoming increasingly popular.

"But it did take a big dip to 12 percent in 1975," Goodwin added, explaining that a recession can hurt the sporting goods business.

He also sees contact sports like football and wrestling on the high school level going slowly down and blames liability suits as the prime reason.

Girls sports are skyrocketing — especially basketball and volleyball.

"Equipment for girls sports is up to 18 percent of sales, that's two points over last year," Goodwin explained. Shattering records is what makes sports the drama that it is. Achieving the seemingly unattainable goal of beating out the clock or your fellow man can bring glory — until someone else erases your name from the record books.

The unknown factor is what has made sports popular over the ages. Most spectators would laugh if you said Detroit Tiger pitcher Mark "The Bird" Fidrych will still be hurling out on the mound in 2003 at the age of 48.

But no one expected Gordie Howe to still be skating around defensemen and slapping in goals at the ripe old age of 50. \Box

RECREATION

Recreation worry don't fence me in

By Dennis Keenon

WITH MORE LEISURE time on their hands, people are developing a healthier appetite for outdoor recreation and will be demanding a bigger chunk of the public park lands pie over the next 25 years.

Right now, there is an urgent need for acquiring and setting aside more park land in the state of Michigan.

The Department of Natural Resources (DNR) regularly assesses recreational needs for the state through its Michigan Recreation Plan, which is updated every several years.

The bottom line is that more land will be required if future recreational needs are to be met.

In fact, the regional office of the Bureau of Outdoor Recreation, Department of the Interior, Ann Arbor, stated in a 1975 study that southeastern Michigan is facing an "acute need for public park lands — nearly quadruple of what is presently available — in less than 50 years."

The DNR through its Michigan

Recreation Plan and other agencies such as the Huron-Clinton Metropolitan Authority, (HCMA), which runs a 10metropark system in Southeastern Michigan, are regularly re-evaluating recreational requirements, reassessing its program direction defining long and short-range goals and trying to determine land use needs.

In what one official called a major redirection in policy for the future, the DNR last December announced an urban recreation program that included \$10.1 million for projects in southern Lower Peninsula, which, department sources say, would expand leisure-time opportunities for two-thirds of Michigan's citizens.

"The program attempts to move the recreation resources closer to the major population areas," the official said.

Four major programs are included in the DNR draft plan — parks, fishing, wildlife and an urban natural resources recreation services center to be located on the State Fairgrounds in Detroit.



Existing parks and recreation areas will be the focus of the urban parks program, DNR officials said. Nine parks are scheduled for \$1.7 million in additional development, ranging from \$20,000 at Proud Lake in Oakland County for a cance facility, to \$316,000 at Maybury State Park between Northville and South Lyon for a day camp, picnic area and horseback riding facility.

Other parks to be developed during the first phase of the program include Highland, Holly and Seven Lakes in Oakland County; Island Lake in Livingston County; Algonac in St. Clair County; and Hoffmaster and Muskegon in Muskegon County.

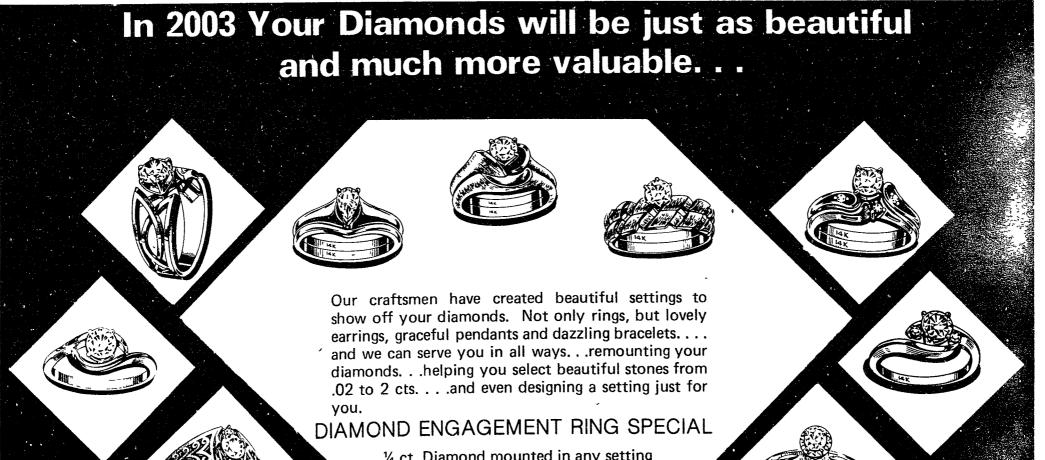
Some \$146,000 are scheduled to be spent on Island Lake near Brighton for construction of frontier cabins and a picnic area.

Other parts of the DNR package include:

--The urban fishing program, which includes the Detroit metro fishing program and the Grand River plan.

The major emphasis of the Detroit

Continued on Page 29



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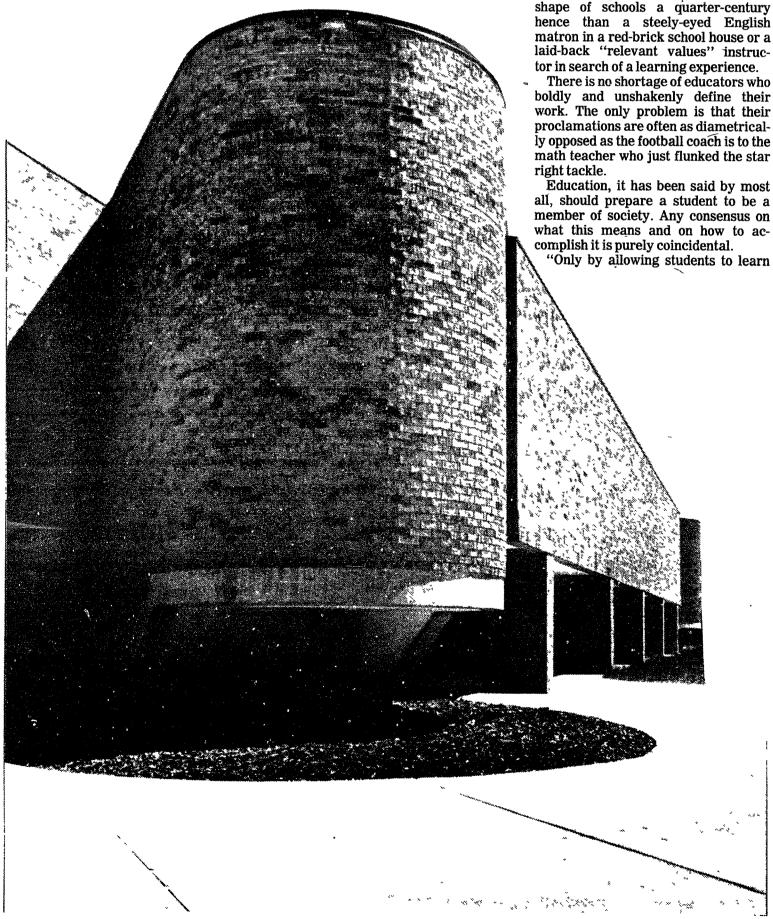
37105 Grand River-Farmington in the K-Mart Shopping Center 478-3131



MAY-10, 2003

Students to learn what they want in future schools

By Rich Perlberg



ASSUME THAT; IN the year 2003, Johnny can read, write, add, and subtract; or that everyone agrees that these skills are no longer necessary.

Assume that financing is no longer aheadache for school administrators and that the public cares not that teachers make nearly as much money as plumbers.

Assume that a myriad of debates open vs. closed classrooms, standarized tests, teacher accountability, busing have been agreeably settled.

If you can assume all that, then you are ready to assume that there is a common and universally accepted definition of education. And that is the most immaculate assumption of them all.

An agreement on the purpose of education - as well as its relative importance — will do more to define the shape of schools a quarter-century hence than a steely-eyed English matron in a red-brick school house or a laid-back "relevant values" instruc-

boldly and unshakenly define their work. The only problem is that their proclamations are often as diametrically opposed as the football coach is to the math teacher who just flunked the star

all, should prepare a student to be a member of society. Any consensus on what this means and on how to ac-

what they want, when they want it, can we hope to make education selfdirected, continuing and enjoyable," says Dwight Allen, University of Massachusetts dean of education.

EDUCATION

School is like going to the dentist, counters spare-the-rod-and-spoil-thechild Max Rafferty, former superintendent of schools for the state of California. You go because it's good for you, not to enjoy yourself. Memorization, from multiplication tables to poetry, is vital.

Let's quit-forcing kids to regurgitate the three rivers that cross in Pittsburgh, retorts Colorado education rebel Edward Pino. Standarized testing is for the birds. Measure students by what they learn, not by how many hours they spend in the classroom.

Teach kids more job skills, cry some. Reading and writing won't be vital for happiness and high-paying employment in the future world, But, warn others, a keen mind and a large dose of humanities will be necessary for civic competence and moral judgment in an increasingly specialized, scientificindustrial society.

Training will be provided by industries, argues Illinois professor Harry Broudy in defense of general education. Jobs will change quicker than kids can get out of school, offers Alvin Toffler, the man of the future shocks. School must provide students with the adaptive tools of "copeability."

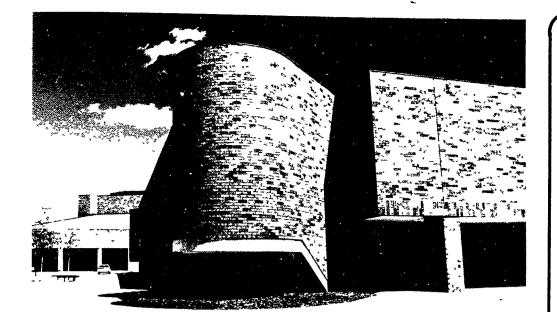
Then, there is Francis Gelhorne, a character in Kurt Vonnegut Jr.'s novel, "Player Piano." "Nobody's so damn well educated that you can't learn 90 percent of what he know in six weeks," he says. "The other 10 percent is just decoration."

And so it goes. Like two blackboard erasers banged together by the teacher's pet, these views collide headon and no reliable blueprint of future education can be devised until the chalkdust settles.

Say what? If you had wanted hedging, you would have asked the school board why taxes go up while SAT scores go down. You pragmatists always were a pushy sort. For you, then, here are a few things to expect when the topic of the film "2001" is history.

Education will cost more, but the burden will shift from local property taxes which now cover more than half of the cost to state and federal sources which will shoulder 80 percent or more of the load.

A rising price is no surprise. The percent of GNP spent on education has risen from 3.5 to 8.1 in the past quarter century and the trend will continue. As before, higher salaries will be a big reason. A declining population growth will continue the bleak job market for new teachers, but those with positions will flourish. Their longevity (the average teacher's age will increase from 39 to 47) will demand higher pay and their security will be solidified by one of the nation's strongest unions. The merged National Education Association and American Federation of Teachers, headed by godfather Albert Shanker's



Students learn

chosen successor, will represent 3.5 million members.

Teachers won't find everything rosy. They, as well as school administrators and school boards, will find that malpractice suits are neither a rare nor futile recourse for disgruntled parents and students.

Teachers will also be challenged by critics such as Nat Hentoff, an NYU graduate professor who sees the powerful teachers union as regressive and repressive. The only hope, he says, is to break the formal school's monopoly nurtured by compulsory attendance and the value of a diploma — on "legitimized" education.

Hentoff may be pleased at the prospect of more and varied alternative schools which should sprout in the tilled educational fields or discontent and experimentation. Many of these forms will take school out of the traditional classroom.

The three-month summer vacation harvested the crops and regimented classroom prepared students for the factory life, but Toffler says intellect and creativity will be the prized traits in a future world where machines do the routine.

Change will come so quickly that it is likely that skills which the young learn in school will be obsolete by the time the student enters the work force.

Preparing students to anticipate and deal with this rapid change is the challenge for future schools.

One possible way is changing the thrust of curriculum. The standard topics of today could become tomorrow's electives which students take when necessary to prepare for more widesweeping and relevant courses.

"Esthetics and Architecture" might be a required course that demands mini-lessons in science and math; "Communication" would be required, English a related elective; ditto for "Human Relations" and history.

Future decisions on lifestyles would be the goal of classes covering arugs sex and the merits of various economic systems. For some, the optimum school would teach decision making, problem solving values clarification, and selfdiscovery. Time actually spent in school could decrease, especially as students grow older. Formats in this vein generally include contracts between the student and teacher which spell out various goals and objectives. The teacher then becomes a consultant; the lecturedominated classroom is replaced by independent study, group projects and apprenticeships. At the other end of the spectrum is the back-to basics spectrum which will not lack for support. Just last March, a report suggested that SAT scores bucked a nationwide trend in those schools which resisted current fads and relied on traditional methods.

It's possible that both the "basics" and "open" school models will exist simultaneously, lending support to each other while students and parents choose the one that fits their needs and philosophy at the moment.

In each case, television, computers and a wide range of electronic devices will change the methods of distributing classroom information.

Whatever the form, schools will be used by more prople for more reasons and for a greater number of years than ever before. Lifelong learning will become necessary for workers to keep up with their professions or to prepare for new ones. As leisure hours increase, many will return to school to learn new hobbies. Buildings themselves will be used more and more as community centers.

There are less encouraging scenarios, however. The school system that meets a rapidly changing technological world may not be the upbeat, free flowing center of ideas and character building that many of today's educators envision.

Hentloff, in fact, forsees the day when powerful teacher unions force legislation that allows instructors to administer drugs to troublesome students.

On a larger scale, the specialized world of the 21st century may create schools which become crucibles of fierce competition and ruthless pressure for choice jobs.

The emphasis on specialized training could also create a moral vacuum unless humanistic teaching is somehow included, warns Broudy in "The Future of Education: 1975 to 2000."

"To play (the) role as a genuine, human being in a technologically mature society will require a high order of imagination, thought and determination," he writes.

Arthur Pearl in his book "The Atroci-



ty of Education," adds to that thought by writing, "The primary goal of education in a technologically advanced society is to enable every citizen to exercise automomy in an independent world."

Theodore Hipple, a University of Florida professor who edited "The Future of Education: 1975 to 2000," expects only cosmetic changes such as computerized transcripts and test data. "But substantive matters — the way teachers teach (and are themselves taught), the way students are presumed to learn or not learn, the purpose society has for its schools, the curricula presented in them — these may change very little."

He finds this prospect depressing. 🗆

Wednesday, May 10, 1978-SLIGER HOME NEWSPAPERS-15

WATER SUPPLY

Water, water everywhere, but will it be drinkable? By David Ray

• :

Like "The Ancient Mariner" of 200

years ago, Americans in 2003 may face the problem of "water, water, everywhere, nor any drop to drink."

While the earth's surface is covered by more water than land, it would seem that there will always be enough water to meet man's need. However, the question of whether there will be clean, drinkable water in 25 years has its pros and cons.

Ten years ago, Dr. Paul Ehrlich, a noted biologist and environmentalist, predicted that the oceans would die late in the summer of 1979, killed by chemicals that had been dumped into streams, rivers, lakes and seas over the years.

On the opposite end of the spectrum from Ehrlich's "Eco-Catastrophe of '79," is Lloyd Stover, a senior research scientist with the University of Miami's Institute of Marine Science, who has predicted that, by the end of the century, oceans will supply mankind with significant amounts of power, fresh-water, food and drugs and become the major source of those resources in the early 21st century.

As an example, he said, world demand for food from the sea will reach 350 billion pounds by 2000, compared to 123 billion pounds in 1970.

Stover also sees the oceans as the future homes of underwater resorts and floating cities.

Somewhere in between Ehrlich and Stover is noted anthropologist Margaret Mead, who feels that man has until 1998 to deal with environmental problems before it is too late.

Water is the most precious of our natural resources, the late Rachel Carson said in her classic environmental treatise, "Silent Spring", 15 years ago.

"In an age when man has forgotten his origins and is blind even to his most essential needs for survival, water along with other resources has become the victim of his indifference," Miss Carson stated.

She, too, blamed the large-scale production of synthetic chemicals, which began after World War II, as the major source of pollution, leading to complex problems of water purification and increased danger to users of water.

Out of these and similar concerns emerged the

federal Clean Water Act of 1972 which was designed to "restore and. maintain the chemi-



cal; physical and biological integrity of the nation's waters," and set goals of eliminating the discharge of pollu-

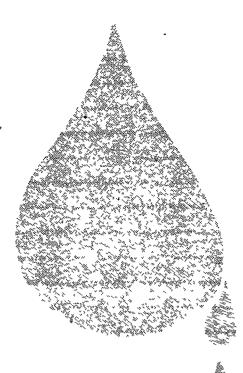
tants into navigable waters by 1985 and providing swimable, fishable and drinkable water by 1983.

The problem of safeguarding America's drinking water is not new.

Typhoid fever once was a dreaded and fairly common disease, according to Douglas Costle, administrator of the U.S. Environmental Protection Agency (EPA). Some 25,000 Americans died from the disease in 1900 alone, Costle added.

When the "epidemic relentlessly persisted," he

Water, water everywhere



Water coming out of nearly all taps contains organic chemicals

said, chlorine was added to Jersey City, New Jersey's water supply in 1908 as an experiment. The high typhoid death rate fell dramatically after the experiment, the EPA administrator said, because chlorination killed the bacteria that caused typhoid and other communicable diseases.

Jersey City's success led many other communities to employ the chlorination treatment, Costle said, to the point that "most Americans now drink chlorinated water" and typhoid is a virtually nonexistent disease.

However, as with the use of many other chemicals, there is a new health problem, he added. It now appears that chlorine reacts with otherwise harmless natural organics in water during the treatment process to form chloroform and other chemical contaminants.

Those contaminats, Costle said, are "believed capable of causing cancer and other diseases." In addition, other organic matter, some of which also are suspected as carcinogenics, are being dumped into rivers from industrial discharges, agricultural chemicals and rain-water run-off from streets and highways.

While most water treatment plants in the United States are designed only to prevent communicable diseases, Costle said, they cannot remove most organic chemicals with the present methods they use.

Further adding to the problem is the fact that treatment plants eliminate only 85 percent of conven-tional pollutants, according to the EPA administrator.

"There can no longer be any doubt that the water coming out of nearly all taps contains organic chemicals," Costle said.

To deal with the problem, the EPA last fall proposed a two-part regulation: first, to establish limits on chloroform and other organics in water and, secondly, requiring many cities - all with populations of 75,000 or more - to install granular activated carbon, a special filtration system, to remove the chemicals.

Costle estimated that the cost of implementing the new regulations would amount to \$350- to \$450million over three to five years, with another \$60million a year after that for upkeep.

Average annual cost of the new system for a family of three would be \$6 to \$10, the adminstrator added.

"These are admittedly significant outlays," Costle said, "but we will be paying for a relatively cheap, long-term health insurance policy for the American public."

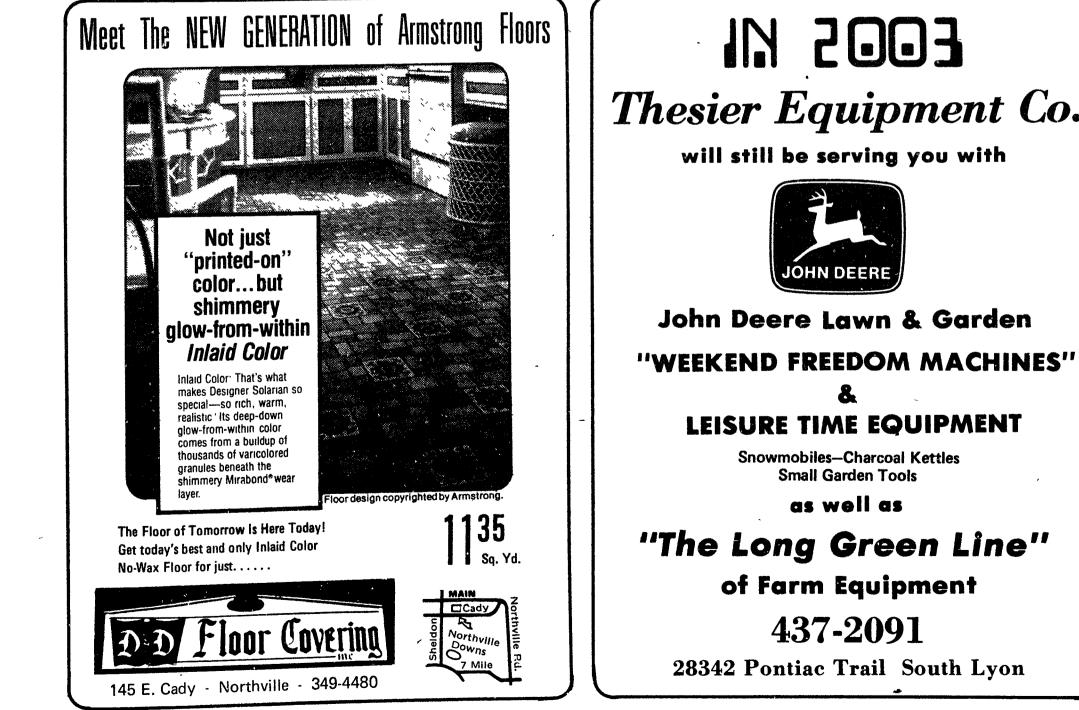
However, some municipal officials have said the cost will be too high.

Officials from the Detroit Water Department, which serves four-million customers in 100 communities in southeast Michigan, have estimated that it would cost \$16-million to convert the city's system to the activated charcoal filters.

The projected costs of treating drinking water also concerns environmentalists and the Congress.

As part of the Clean Water Act, the Congress mandated the EPA administrator to research "devices, systems, incentives, pricing policy and other methods of reducing the total flow of sewage and unnecessary water consumption in order to reduce the requirements for and costs of sewage and waste treatment services."

As examples, it takes one to two tons of water to make one ton of bricks; 250 tons of water for each ton of paper; 600 tons of water for each ton of nitrate fertilizer; 1,500 tons of water for each ton of wheat; 4,000 tons of water for each ton of rice; 10,000 tons of water for a ton of cotton; and an estimated 1,500 gallons of water per person each day to eat, drink, wash, flush the toilet and read the newspaper. \Box



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ENERGY

Energy outlook not So gloomy By Rich Perlberg

What's the matter, boopsie? You say you wake up in the middle of the night with the cold shakes because of the energy crisis.

Images of nationwide power blackouts in the dead of winter flashes through your mind. You've worked all your life at being upwardly mobile and now you can't even buy a gallon of gas.

What's worse, a bunch of Arabs — educated at our schools — have all the oil and they are using their exorbitant profits to buy everything American from hot dogs to apple pie.

You foresee the day when you use your ration of electricity to turn on the TV only to find the sheik of Saudi Edison proclaiming further cutbacks and price increases.

Is that all that's bothering you? Well, listen, there's no reason to worry a willy-nilly over something trivial like that. If fret is your game, take aim on something important — Mark Fidrych's arm, for instance.

Because — and this is coming to you straight from the guys who stole the thunder from Flash Gordon — all this talk about the world running out of energy is a bunch of pure malarkey.

Oh, things will be pretty tense for the next 10 years or so. Utility companies will jack up rates quicker than their PR departments can spell cost containment procedures. Congress will continue to stumble about producing no heat or light and doing dumb things like rationing gas.

And QPEC will haul in the dough for a while, charging more for a barrel of crude oil than a psychiatrist charges for an hour of his snake oil.

But soon — in less time than it took to build a pyramid and certainly by 2003 — those Arabs will slash their prices to \$10 a barrel and beg us to buy.

Magnanimous sorts that we are, we'll probably purchase a few even though cheap energy will be more plentiful than Farah Fawcett's teeth.

How can this be? It's easy if you listen to a scenario produced for the National Aeronautics and Space Administration (NASA).

Conceding that its outlook is optimistic but noting that some assumptions may be conservative, the NASA report says that, cataclyismic world disasters aside, energy will become a problem of the past.

This, NASA says, even though the world population will increase from four to six billion people, most of whom will be enjoying an improved standard of living and thus demanding more energy.

In fact, in 200 years the report estimates that 10 billion people with a gross world product per capita of \$18,000 in today's money (compared to \$1750 in 1975), will be using nearly seven times the energy used now.

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Nevertheless, "it appears to us to be likely that the effective cost of energy (the aveage cost to accomplish most required tasks) will diminish substantially over the long term."

There's no magic genie in NASA's box. The optimism is not based on some hoped for breakthrough or discovery but on the more efficient use of the resources we have, a little imagination, technology and good old American know how.

The sources of all this energy are manifold.

The so-called diminishing fossil fuels will power the world far longer than chicken-little alarmists would have you believe, according to NASA.

Energy outlook

The proven oil, natural gas, coal and shale oil reserves in the United States alone can meet world consumption demands for 53 years. The world's proven reserves can last twice that long.

What's more, the world's potential resources of fossil fuels could supply the world with energy for 1000 years, according to the NASA study.

"Even here we have not included all the fossil fuels, only the principal ones," the report reads. "If fossil fuels obtainable from the eastern shales of the U.S. and the lower-grade oil shales were added they would increase the total potential several-fold."

In addition to the oil hidden beneath the waves, there is enough energy in the seas to fill an ocean.

It will be feasible to harness the tides, ocean currents and waves for energy. Ocean thermal systems — the changing temperatures at different depths — are a source. So are plants and organic wastes from the sea and land.

It is possible, in principle at least, to extract uranium from low-grade sources, including sea water.

Speaking of uranium, NASA is confident that those nuclear brothers — fission and fusion — will have their day before the end of the century.

The anti-nuclear power movements will lose steam by 1985 as the ability to control the nuclear fuel cycle becomes understood by the public, it says.

New designs will show steady improvements in both the safety and effi-

ciency of fission reactors by 2003.

And, in a quarter century, proposed uses will be "exciting not only for inexpensive inexhaustive fusion power, but for high efficient fusion-powered engines for space transportation by 2010.

Geothermal energy — from steam and hydrothermal reservoirs, hot dry rock, geopressured aquifiers, magma outcrops — will capture a large share of the commercial electric power market.

By 2003, the sun will be doing a lot more than warming John Denver's shoulder. In fact, the many forms of solar energy alternatives get much of the publicity today.

This is especially true for solar collectors and windmills. Yes, windmills. They are not romantic relics. Earlier this year, the first federally funded commercial wind generator began operating in the windy little cattle town of Clayton, New Medico.

It's goal is to provide heat and light for 500 of the town's 3000 inhabitants. If successful, more will be built in Puerto Rico, Rhode Island and North Carolina.

It's expensive now, but government officials believe by the year 2000, windmills will be capable of economically generating 100 billion kilowatts of electricity a year, enough for 11.5 million households.

From windmills to nuclear reactors and everything in between, NASA believes the source of energy is no problem. "The potential of the above principal energy sources is found to be so large that there are several which independently can provide the total projected energy requirements of the world for far more than 200 years."

But what about the costs? Well, danged if that isn't the most incredible part of NASA's report. Energy may be cheaper than it is today.

Part of this wild-eyed optimism is efficiency improvements. Most energy consumed today is used at less than 1/10 its potential, says the report. Within 25 years, that efficiency will increase by 40 percent. In 100 years, energy use will be three times more efficient.

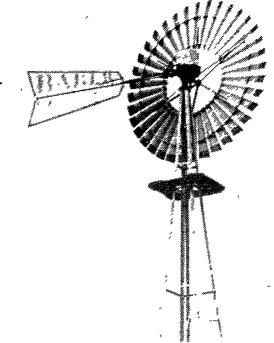
Conservation, of course, is one way to improve efficiency. A large portion of home and business heat today literally flies right out the window.

Recycling is a promising recourse that is already showing great potential for Dow Chemical Company in Midland.

About 75 percent of Dow's own energy needs are produced through cogeneration — using waste heat to make electricity. Dow estimates that it saves the energy equivalent of 17 million barrels of oil a year.

If there is a fly in all of this good news ointment about energy, it may be the fact that environmentalists will lose some battles as energy and job needs become acute in the upcoming decade.

If there's a silver lining, it is that the

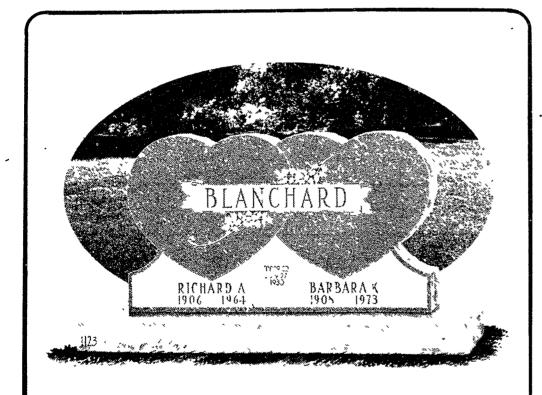


alternate sources of energy that NASA envisions may be far more attractive economically than the more polluting fossil fuels.

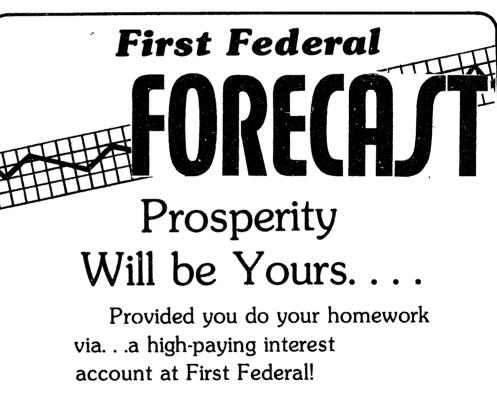
The NASA report, of course, is neither infallible nor is it intended to be. There are many doomsdayers who make convincing arguments.

The potential is there and NASA likes -the chances of sufficient, moderately priced energy. Says the report:

"It should be stressed that even if all of these alternative resources were to be two or three times more expensive than energy is currently — an extremely unlikely conjecture — then as the efficiency of energy utilization also increased by a factor of two or three over that of present practices, the cost of energy per unit of work would not increase at all." \Box



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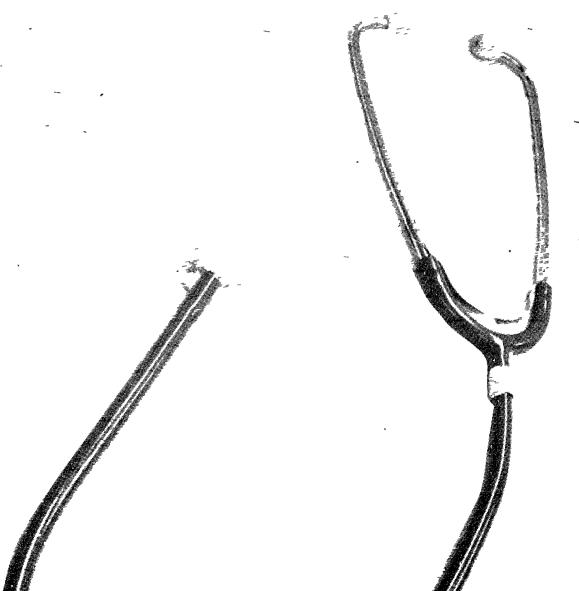


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HEALTH-MEDICINE

Our consciences will shape future health needs



By Chris Golembiewski

Clones... transplanting heads from paralyzed bodies... artificial eyesight for the blind... chemically controlled cancer without surgery... artificial organs... wholistic health treatment utilizing the power of the mind... genetically custom-designed babies... preventative medicine so that most of you readers out there right now may live to 110, well into the 21st century...

Medical and scientific truth of the near future may be a stranger than science fiction.

A veritable biological revolution is just around the turn of the next century, scientists say.

If we do not soon turn the corner to a Brave New World, it will not be because our technology is holding us back. Nor our intelligence nor our fiscal conditions.

It will be our conscience - our moral, ethical, political and religious considerations, or lack of them which will shape the future.

But as Dr. Rollin D. Hotchkiss of the Rockerfeller Institute said in "Future Shock" of our capability to redesign the human race.

"Many of us feel instinctive revulsion at the hazards of meddling with the finely balanced and far-reaching systems that make an individual what he is. Yet I believe it will surely be done or attempted. The pathway will be built from a combination of altruism, private profit and ignorance."

"Future Shock" author Alvin Toffler notes that despite profound ethical questions about whether scientific wonders should be brought to reality, "The fact remains that scientific curiosity is, itself, one the most powerful driving forces in our society."

He cites Dr. A. Neyfakh, a biological researcher at the Soviet Academy of Sciences, who calmly predicts the world will soon witness a genetic equivalent of the arms race - and implies that "reactionary governments" will be "compelled" to employ genetic engineering to increase their output of genuises and gifted individuals.

In order to avoid experiencing future shock itself, perhaps we ought to inform ourselves and prepare for the tough decisions yet to come in our own lifetime.

Scientists and officials of the University of Michigan this year faced what is sure to be the first of many ethical dilemmas for researchers when they agonized over continuing groundbreaking recombinant DNA experiments. It was decided to proceed initially, under carefully controll-

ed conditions.

The debate is on. Here are a few previews:

Before the turn of the century, about 70 percent of all cancers will be controllable, according to a Red Cross/Sandoz Company report of 1974. Surgery for tumors will be obsolete because they will be chemically treated.

In a recent issue of a publication of the American Chemical Society, scientists of the Eli Lilly chemical company report "significant preliminary clinical success" with an experimental anticancer drug made from the periwinkle plant.

Future health

But a University of Michigan scientist, deeply involved in research on the relationship between environmental chemicals and cancer, would argue that research also proves that other chemicals cause cancer.

Dr. Tom Corbett, a medical doctor and associate professor of anesthesiology at the U-M Medical School, was recently quoted as saying it is "very conceivable" that we will experience huge epidemics of chemicallyinduced cancers in the U.S. population in the next 20 or 30 years.

It would make sense, he said, to spend at least as much money in trying to prevent cancer as in trying to cure it, but little U.S. research is currently supported in prevention.

The author of "Cancer and Chemicals" believes between 60 and 90 percent of cancers are caused by substances we eat and use in everyday life. Corbett and his family sharply limit their use of products containing possible carcinogens.

Cloning, a sci-fi kind of notion currently stirring up the publishing world because of a new book about human replicas, "In His Image," may actually have very practical use very soon, in cancer research.

Right now, hundreds of frogs are cloned from a single frog embryo at the University of Minnesota. These genetic duplicates are used in Robert McKinnell's research into what causes normal cells to become cancerous.

A professor of genetics and cell biology, McKinnell is hoping to revert the malignant cell process of cancer by first learning how to duplicate and control living animal cells.

Instead of killing cancerous cells as we do now, McKinnell speculated in recent news reports, it may be possible to manipulate cell environments artificially, such as with drugs, so that cancer cells divide normally, benignly.

Despite the prominent book about a millionaire's clone and magazine reports that Elvis Presley's living clone is on the loose, McKinnell and other scientists say that techniques to clone mammals, much less a human, have not been developed.

However, a Nobel Laureate scientist, Joshua Lederberg, was quoted eight years ago in "Future Shock" as saying that human cloning was not more than 15 years away.

Before we must face the impact of clones on the world, (can we handle 100 Einsteins... or 100 Hitlers?), we almost certainly will face cyborgs - although you may not know it if you meet one on the street.

Cyborgs - human, part machine are on their way, coming closer to reality each time scientists learn how to duplicate another organ, learn how to duplicate brain processes electronically in computers, learn how to transplant brains and even heads.

It has been predicted that computers will contain biological components and humans will certainly be given more electronic parts, originally, to save lives, as with heart transplants. The neurological processes and their artifical counterparts may become indistinguishable without complex tests.

How will we know who is man and

who is machine? Can one become the other?

A new revolutionary theory of the human body has arrived: man as a component system.

Just like the stereo in your living room, it seems that the body will become accepted as a modular system, easily transistorized and replaceable.

Although 100 people are reported to be members of a Michigan-based Cryonics Institute, it may not be necessary to freeze people whole and wait 100 years for a cure for what killed them. Worn-out parts should be replaceable in a person's own lifetime.

Originated 15 years ago by R. C. W. Ettinger of Oak Park, Michigan, the organization has trucks ready to pick up a body, to be frozen after death. About 29 bodies have already been put on ice.

Another Institutte member has insisted that Elivs Presley wanted his body frozen, but the group failed to prevent the funeral from taking place. (A U-M spokesman said doctors consider the freezing idea to be "far out.")

Doctors continue to save lives through organ transplants today, but the near future may see a shift to artifical ones.

The most successful and active transplant team in the world is directed by Dr. Norman Shumway, professor and chairman of the department of cardiovascular surgery at the Stanford University Medical School.

He continues to perform two to three transplants a month, according to a university spokesman. Shumway has conducted 139 such operations since

1968. Of those, 58 patients survived, nine of them for five years. Ten years of experiments with dogs were necessary before this achivevement.

4

What of the future? A member of the Shumway surgical team stated, "We are beginning to see a marriage of artificial assistance devices and biological heart replacement." The use of a left ventricular assistance device to maintain life until a heart transplant will occur within ten years, he said.

In the long-run, with the development of biological engineering, total replacements for organs like hearts can be expected. A temporary, external device will be refined into a permanent, self-contained one, the doctor predicted.

But Dr. Joseph Arends, a Troy cardiologist believer in lifelong physical fitness and preventative medicine, says expensive "patchwork medicine" is not the answer for the population as a whole.

He says Americans are killing themselves and if we would only stop our bad habits, we could live to 110.

Today's traditional medicine is crisis-oriented, Arends said, while the future lies in prevention and self-care.

In the 21st century, health care would mean consideration of diet, exercise, environment and a good lifestyle. Doctors would employ natural healing arts instead of drugs and surgery and utilize mind-body energy.

"The role of mental stress in disease is increasingly well-documented," say the visionaries.

"We are suggesting that the mind can also cure disease."



COMMUNICATION

Daily chores no problem with future phones By Evelyn Bagwell

YOUR FINGERS MAY be doing so much walking through the yellow pages in 2003 that walking could become all but obsolete — at least when it comes to shopping, banking and other routine tasks.

3

As a matter of fact, the telephone and television will help you do so many daily chores without leaving home that you'll probably wonder how you ever got along without these electronic helpers.

By the turn of the century most Americans will have minicomputers in their homes that will help them handle life in the year 2003, according to Ruth Williams, Michigan Bell residence marketing manager.

If you leave home and forget to lock the back door or turn down the heat, you'll be able to call home with your portaphone — about the size of a small transistor radio — and with a special code order the door to lock itself and the thermostat to turn itself down.

If you are planning a party in the future, you may call a special computer and report how many guests are coming and what you want to serve. The computer will list which supplies and how much of each you will need.

"If you are in a last minute rush, the computer will order everything from your favorite markets — choosing the best bargains, of course — and will set your kitchen appliances to doing whatever mixing and cooking your recipes call for," Ms. Williams said.

"In doing your grocery shopping," she added, "about the only thing the computer may not be able to master will be how to choose the best fresh fruits and vegetables with a gentle squeeze."

If you need a new outfit for the party, that will require only a picture phone call to a store for a private fashion showing of the latest styles, Ms. Williams said. She added that the computer also will be able to help arrange for payment and delivery of the outfit. "Handling money will be passe'," Ms. Williams said. "You won't need to write checks or pay cash because a quick phone call to your bank's computer will take care of payment." And the day of the overdrawn account and forgotten payments may be gone forever. "The computer will keep track of your balance and will automatically pay your house payment and other regular bills and will even figure out your income tax," she said.

them treat patients. Physicians will be able to diagnose and treat illnesses by calling a computer for an analysis of a patient's symptoms and a medical history, Ms. Williams said.

"People might even be able to vote by telephone and a computer will authenticate their voices through voice prints," she said.

Rush hour traffic will be a thing of the past because communications will make it possible for many more people to work out of their homes, Ms. Williams predicted.

Documents, drawings and charts will be reproduced by an attachment to home phones and workers will be able to get information and answers to complex questions from the office computer.

Education also will take on a new light, Ms. Williams said. "Teachers and students will have the contents of libraries and museums as close as the telephone and a simple phone call will produce any information they need in spoken words, print or in pictures and diagrams."

Viewers will be able to attend town meetings, take care of banking and shop by merely turning on the television set.

Commercially, television will be three dimensional by 2003, says Charles Pride of WXYZ Television. Cassette television, just in its early stages today, will be in almost every home.

"Cassette television which now costs more than \$1000 will be moderately priced in the future," Pride said. "There will be more cassettes and less regular television programs."

Cassettes will allow the viewers to tape one station while watching another. Cassette television also will allow you to tape a program while you are away from home and view it later.

"Full-length movies will be available



Doctors also will be taking advantage of computer phone hookups to help

and you'll be your own censor," Pride said. "You'll decide what will be shown in your home.

"Television will be the biggest thing in people's lives. It won't be the big red eye... but it will have more capabilities."

Television news will gradually shy away from the anchorperson format so familiar today, Pride said.

"Reporters will be going directly to the scene," Pride said. "What this means is there will be less emphasis on the reporters personality and more emphasis on the news. Top notch newspeo-

Daily chores

ple will be top notch reporters."

Daily newspapers will be distributed to a home computer device through cables, according to Robert Bishop, University of Michigan journalism professor, and by the year 2003 Bishop estimates that one-half of all newspapers as we know them today will be gone.

"The cost will be a one-shot payment of about \$500 for the computer terminal," Bishop said. "You'll be able to pick and choose articles as you please — the computer will give you as much or as little information on any story as you would like."

By merely pushing a button a story will be reproduced so it can be saved, Bishop said. But otherwise, there will be no newspaper laying around the house and there will be no delivery boy.

Bishop predicts that advertising will still be available, but you will have to ask the computer to see it specifically.

News will be much more timely, of course. "Reporters will be able to edit

copy up until 30 seconds before it appears on the screen. Everyone will have up to the minute, umlimited news available when they want it."

Bishop said he does not know if there will continue to be competing newspapers in this age.

As larger newspapers go electronic local newspapers will become more important, not only to report area happenings but for smaller advertisers, Bishop said. "Local newspapers will be the last to go," Bishop said. "There will be a greater emphasis on local news and though these newspapers may go more toward news magazine style they won't go electronic. Circulation would be too small to make that economical."

For the most part, communication experts looking ahead agree with Ms. Williams, who said, "In the future people are going to decide what they want communications to do. The possibilities seem unlimited. \Box



Continued from Page 11

designer credited with putting women back in dresses in 1976, feels women's lifestyles will demand "simple, uncluttered lines."

Contacted at Bill Blass Limited headquarters on Seventh Avenue in New York, Blass felt fashion in the future will be interwoven with sociology and "every aspect of our lives."

Basically, he said, "My guess is that individuality will not go out of fashion for a long time."

Like the other experts, he declared, "Surely it is impossible to predict what fashion will be on May 10, 2003, but I am willing to make some calculated guesses about fashion's role in the 21st century because it fascinates me.

"Fashion as it is now defined has a definite sociological role. It is the change and evolution of current styles and trends. It winds its way through every aspect of our lives. As such it both defines and is defined by the time in which we live and the way in which we live.

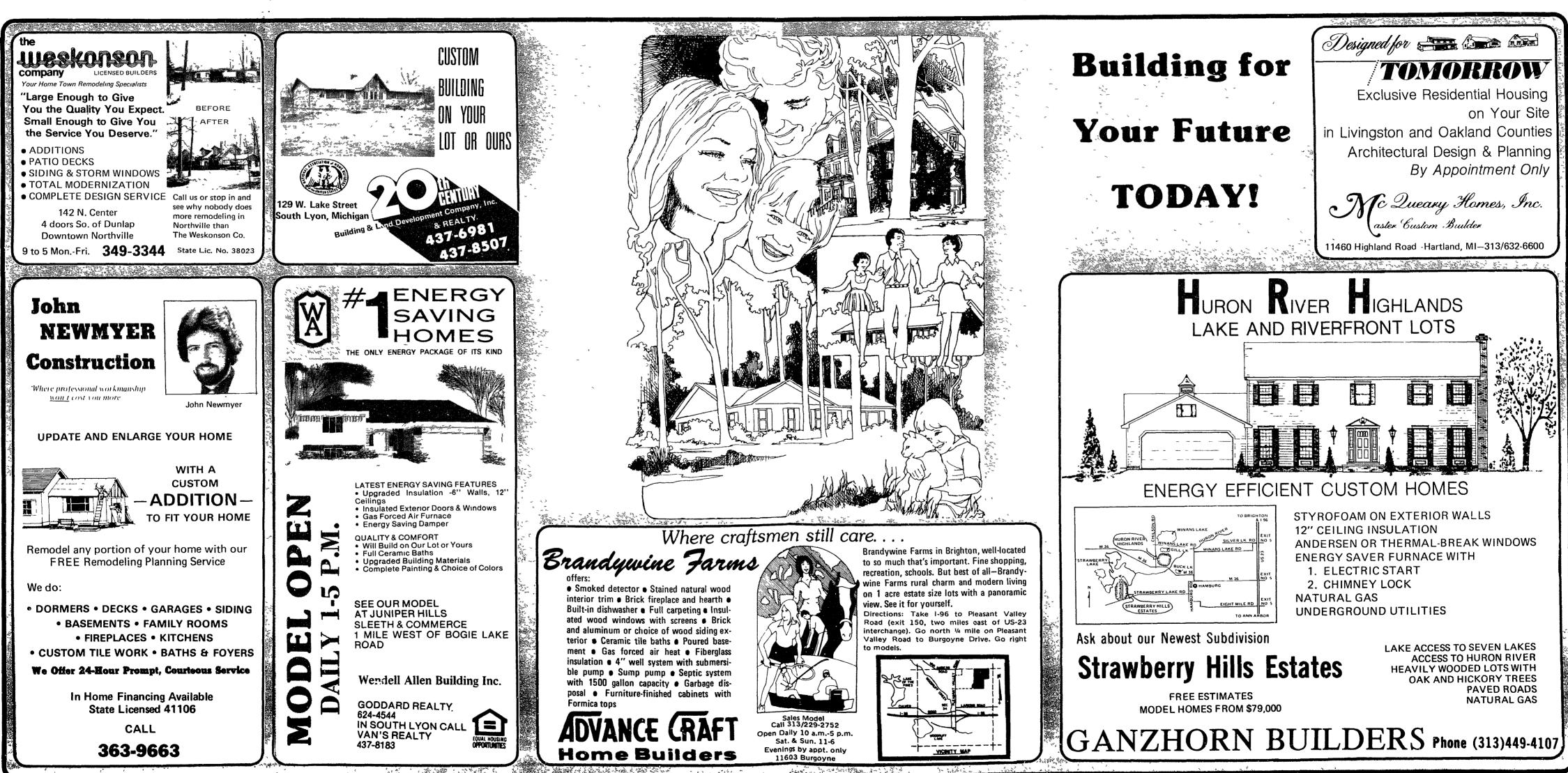
"Current aesthetics in fashion range from total fantasy

(which acts as a self-preservation mechanism in the human psyche) to total function, or that which is dictated by the everincreasing pressure of our advanced technological society. Today it is these two forces which shape and reshape our lives.' Fashion in 25 years will be influenced, Blass added, by the fact that people have more leisure time - "and it may increase considerably by the year 2,000" - with attitudes toward travel

and recreation being reflected in fashions.

Enforcing his feeling that fashion individuality will continue to be important, Blass stated, "Clothing is part of our personality; it is our signal to the world of where we are at. Our clothes reflect... psychological, cultural and sociological aspects of our lives... clothes don't make the man as they did in the 18th century, but they signal his preferences."

When Blass talked at Northville Town Hall in April 1967, he correctly predicted the Chinese influence coming, denied there had to be a separate look in fashion for the older woman and declared that men's fashions were going to get more colorful. As they predicted the future, none of the fashion authorities indicated there would be any reversal of the trend to brighter,



Tomorrow's clothing

functional, expensive

more varied wear for men that has caused men's departments to move to enlarged, prominent places in area stores.

Mollie Parnis, who has dressed some of the most famous political, entertainment and society names of the world for 40 years, is known for designs with sophistication and individuality As her spring collections went on view at Hudson's in the

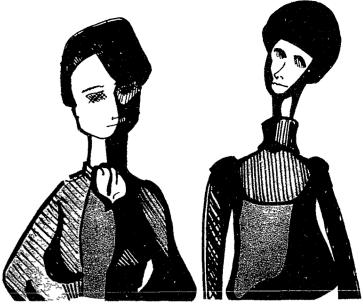
Detroit area, it was pointed out that "Colors are light, the dresses hugely becoming... nothing is heavy or difficult to wear.'

She and Morty Sussman, who designed her boutique collection, made prophecies forecasting "the end of the tenting era" and viewing the suit as becoming "a fresh little uniform." Taking the lowest anticipated inflation rate, Sears Men's

fashion director Rogers said, prices will at least double in 25

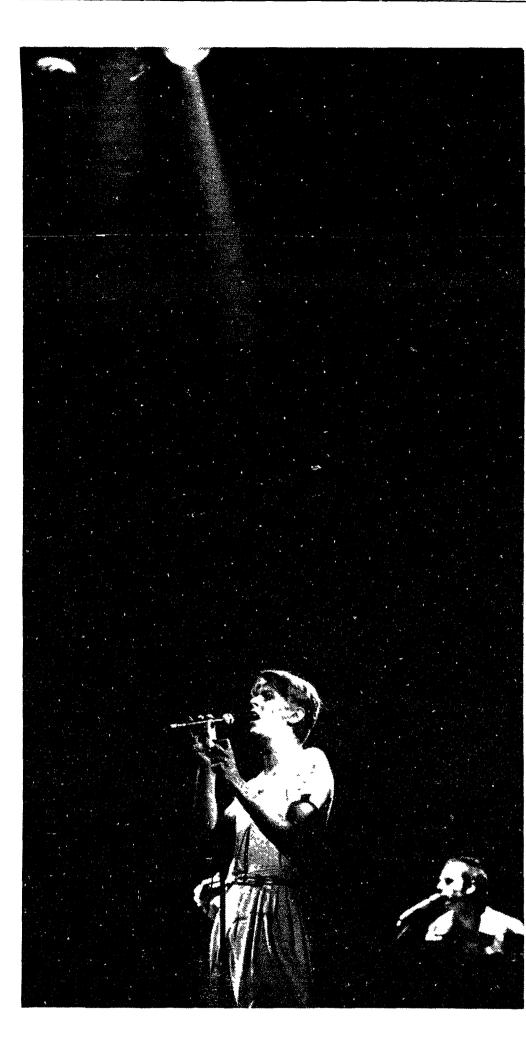
Therefore, function will be important for economic reasons, too. Ms. Bilder predicts that "fashion will still be fun but functional as well.'

But, who can predict the future for sure - remember those paper "disposable" dresses that were "new-and-in" 20 years ago heralded as a replacement for cloth?





MUSIC



Armchair conductors will flourish

IMAGINE BEING ABLE to conduct an orchestra in your own home.

Hooked up to your hi-fi system is a computerized podium-console, complete with a built-in keyboard and a screen that projects the musical score as you're hearing it.

You tap your baton and watch a pilot light wink on, signalling that the orchestra and composition of your choice await your pleasure.

You select a particular work by looking up a catalogue number, push a few buttons that tell the computer which work you've chosen, then key in the ensemble with the podium keyboard.

Suddenly the sounds of dozens of instruments tuning up drift through the room. You wait. Silence.

Then, with a dramatic swoop of your wrist, the music begins. For the next 10 minutes the music, the instruments, the "orchestra" is at your command.

If the computerized disc, your orchestra, that's playing within the podium sounds too loud, too dramatic, you lower your arms to signal a decrescendo and the computer responds accordingly, softening the volume. If you're a bit ahead of your orchestra the computer automatically slows it down. If your violin section deserves more emphasis, point to a channel on your system controlling that area and the violins increase in volume.

And if you're getting tired and need a rest, relax. The computer will automatically revert to a straight playback of the original recording with a wave of your hand.

Sound a little far-fetched? Perhaps for the less wealthy among us it will be.

But according to Ivan Berger, a noted audio expert who writes for several national music publications, the well-paid conductor of 2003 may well be using a similar system to practice for an upcoming concert, and eventually frustrated armchair conductors will be able to afford one as well.

It's one of several possibilities created by the ever-increasing technological advances being made in the world of music.

Another, proposed by Mark Davis, vice president in charge of engineering at International Totalizing Systems in Massachusetts, envisions a system that would allow music lovers to almost perfectly re-create any acoustic environment they desire.

Today's stereo systems, he says, achieve that goal only partially. According to him the flaw in stereo is that "the sound doesn't change as the listener turns his head" as it would, say, in a concert hall.

One way to help correct that, he says

But what of the music itself? Will we still be listening to the sounds of pop groups like Fleetwood Mac, or will the likes of country, jazz, classical or rhythm and blues emerge as the record industry's new prize?

"Actually it'll probably be a mixture of all of them," says Gil Robinson, an executive of RCA records in New York. "During the past 25 years we've seen an incredible diversity of music.

"I think now much of that is beginning to merge, so that in the future we might be hearing a combination of several different types of music."

Although he feels the different types of music (such as rock, country, jazz, classical, etc.) will basically retain their individualism, he figures each will take on more aspects of the others, creating a greater diversity of mood within each. The group Electric Light Orchestra, for instance, introduced somewhat of a classical sound into rock a few years ago, and may be one harbinger of the future.

According to Robinson, in fact, classical music has been increasingly returning to popularity among younger people in the '70's.

One indicator of that has been the rising number of students coming out of the some 800 schools of music in the United States. Another is the growing attendances at what were once called "highbrow music" concerts, concerts featuring reknowned metropolitan orchestras and opera musicians.

According to a recent survey, attendance at such performances has doubled to well over 20 million per year in the past two decades, and shows definite signs of continuing that growth. In addition Americans now dominate this country's symphony orchestra directorships for the first time this century.

"Without question we are witnessing the start of the American era in (classical) music," says Dr. Walter Anderson, director of music programs for the National Endowment for the Arts. "Americans are setting the styles now."

Perhaps another way of viewing tomorrow's musical style is best expressed by Anthony Burgess, author of "A Clockwork Orange" and a former jazz pianist and symphonic composer himself.

In a recent article in High Fidelity magazine, a national publication, Burgess says he feels "the basic musical style of the future (will) be eclecticism," a style that derives its quality and meaning from a wide variety of other styles.

By Mike Lash

is to refine the present stereo and quadriphonic systems by increasing the multi-channel capacity of today's hi-fis. In other words we might be listening to "octaphonic" sound and the like in the future.

A more interesting possibility is using a substance that would reproduce sound and could be more or less wallpapered throughout a room, giving that room a continuous loudspeaker.

"That idea isn't as silly as it may seem," he claims. "the new polymer materials that have recently been introduced in some headphones and tweeters might be ideal for such a purpose." "I have the utmost confidence in the capacity of some of the young to master traditional instrumental techniques," he says, "and to bring them, by the end of the millenium, to a point that would leave a resurrected Liszt and Paganini gasping with disbelief."

And what of electronic music, which was thought to be a trend-setter when it exploded onto the music scene in the late '60's?

"I think that disenchantment with synthetic music makers (particularly Moogs) is already on its way," says Burgess. "It's all too easy... and no art should ever be too easy."

Touring through a space colony

THE NATION'S TOP space experts, who gathered at NASA's Ames Research Center for 10 weeks of study, developed a scenario for the first space settlement. (See related article).[¬]

They offer you an imaginary 21st Century "trip" to that colony so that you can see for yourself what the space settlement is like.

If you're interested in such a trip, read on:

Preparation for your trip is a difficult period; it eliminates those who are not serious about their intention of going to the space colony.

You undergo weeks of quarantine, exhaustive physical examinations, stringent decontaminations, and interminable tests to make sure you do not carry insects, bacteria, fungi, or mental problems to L5. Only then are you permitted to board a personnel module of a heavy-lift launch vehicle which everyone refers to as the HLLV, along with 99 prospective colonists who have gone through even more rigrous tests than you have as a mere visitor.

In the following hour events move at breakneck speed. Your vehicle is launched. Acceleration thrusts you into your contoured seat. Minutes later it ceases and you are in orbit 240 km above the Earth and having your first experience of being weightless.

The orbit is a staging area at which an entire section of the HLLV, the personnel carrier containing you and the colonists, is transferred to an interorbital tansport vehicle known as the IOTV. This is the workhouse transporter that moves people and cargoes between points in space, and never lands upon any planetary body. Its structure seems frail and delicate compared with the airplane-like structure of the HLLV.

Like countless other tourists over the years you look for the first view of your destination. Just as European immigrants looked for the concrete towers of New York and the torch-bearing statue, you now anxiously await your first glimpse of the wheel-like structure spinning amid the black backdrop of space.

Only in the last few hours of the trip, when the IOTV has matched its orbit with that of the colony and is waiting to dock, do you see the true extent of the habitat and begin to comprehend the immense nature of this man-made structure in space.

The space colony appears as a giant wheel in space. Still you cannot comprehend its size, but you know it must be huge. One of the other passengers who has been on the trip before tells you it is 1800 m (more than a mile) in diameter. He points to the six spokes connecting the wheel rim to its hub and tells you each is five times as wide across as the cabin of your space

The IOTV moves almost imperceptibly through the last few meters and gently attaches itself to one of the docking ports. all people and equipment for the habitat pass through these ports.

Passing from the docking module, you see the walls of the central hub moving slowly by you as you float freely under zero-g. You are now in the rotating habitat, but because you are near the axis of rotation, the rotation rate of 1 rpm gives no appreciable sensation of weight. In fact, a few workers on their lunch break can be seen cavorting in the almost zero-g of the central hub playing an unusual type of ballgame, invented by earlier construction workers.

The hub, however, is much more than a playground; it is a crucial crossroads for the whole colony. Six spokes converge from the torus to this sphere and emerge from its walls. They carry the power cables and heat exchangers that connect the interior of the habitat to the external power supplies and the radiator. They also serve as elevator shafts through which several thousand commuters travel each day to and from their work in the fabrication sphere or outside the habitat.

Now with the other new arrivals you enter an elevator in one of these-spokesand begin the trip out to the torus. As the elevator moves and the sense of "gravity" begins, you realize that "out" is really "down."

EMERGING FROM THE elevator your fellow passengers go their various ways as you enter a busy community without skyscrapers and freeways; a city which does not dwarf its inhabitants. The human scale of the architecture is emphasized by the long lines of sight, the frequent clusters of small fruit trees and parks, and the sense of openness produced by the broad expanse of yellow sunlight streaming down from far overhead. This is the central plain running the full circumference of the torus along the middle of the tube.

Houses are the most numerous structures. You are impressed by the architectural achievement in housing 10,000 people on 106 acres while maintaining a spacious environment. Spaciousness is achieved by terracing structures up the curved walls of the torus and also by placing much of the commerce (e.g., large shops, light industry, mechanical subsystems) in the volume of the torus which lies below the central plain on which most inhabitants live.

Houses have plenty of window area to provide a sense of openness. Walls and doors are only needed for acoustical and visual privacy and not for protection from the weather.

Since you are a tourist and want to

come from Earth or be made from carbon, nitrogen and hydrogen brought from Earth. It takes a while to become accustomed to the almost complete absence of wood and plastics.

A couple of minutes walk brings a view of tiers of fields and ponds and cascading water. The upper level where you enter is surrounded by a number of ponds holding about 90,000 fish.

On the second tier down a farmer shows you-around. The wheat growing on this tier, he tells you, will be ready for harvesting next week. On another tier enormous tomatoes grown in a special control zone with elevated levels of carbon dioxide, temperature, and humidity. On one of the lower levels, the farmer impresses you with the fact that this farm, like the others contains some 20,000 chickens, 10,000 rabbits, and 500 cattle.

Stopping for a mug of Space Blitz on the way back to your apartment you happen to catch the Princeton-Stanford ball game on television from Earth and learn that, to everyone at the bar, the three-dimensional ball game played in the central hub is much more thrilling. \Box



transport.

You look in awe. He tells you that the rough looking outer "tire" is really a radiation shield built of rubble from the Moon. It protects the colony's inhabitants from cosmic rays.

In reply to your question about the burnished disc that hangs suspended above the wheel of the space colony, he explains that it is a big mirror reflecting sunlight to other mirrors which, in turn, direct the light rays through several other mirrors arranged in a chevron form to block cosmic rays.

He points to the hub of the wheel and tells you that is where your transport is heading to dock with the space colony. see what is going on, you decide to walk and start off down a tree-lined pedestrian way following the directions on the map you were given when you landed.

Equally as striking as the lack of traffic and wide roads is the presence of a flourishing vegetation. Stimulated by plentiful sunshine, brilliantly colored flowers bloom in profusion along winding walkways.

Although small your apartment is completely furnished in a compact, convenient and attractive way. Furniture and the few ornaments are made of aluminum and ceramics, a constant reminder that wood and plastics must

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DEMOGRAPHY

5 million people

IN THE YEAR 2003 households will be smaller, the average population will be older, and over 5 million people will call southeastern Michigan home.

At least that's what local planners and demographers see when they gaze into their statistical crystal ball; a ball that, however, clouds quickly with the whims of man.

Unforeseen fluctuations in the economy, changes in the availability of energy, evolution of new lifestyles, the development of revolutionary modes of transportation will all have a hand in molding the future of Oakland and Livingston counties as well as the world.

Nonetheless, based on present trends, reasonable projections can be made about how many-people will live, where they will live and how they will live in the vear 2003.

According to Oakland County Planner David Hay and projections adopted by the Council on Regional Development of the Southeast Michigan Council of Governments (SEMCOG), the population of the seven county southeastern Michigan area (Wayne, Oakland, Washtenaw, Macomb, St. Clair, Monroe, and Livingston counties) will grow from about 4.8 million now to 5,226,335 in the year 2000.

This, Hay explains, is a dramatic revision of predictions ten years ago that forecast a population of 6.6 million in southeastern Michigan in the year 2000

The steadily dwindling birthrate and the present trend for people and industry to move to the "sun belt" have caused demographers to reconsider their forecasts.

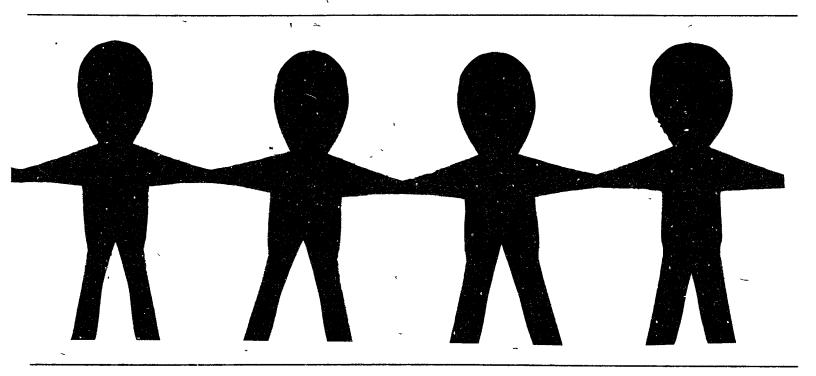
While in-migration and natural population growth will affect southeastern Michigan only moderately, the population within the area may be significantly redistributed.

Livingston County should feel the most dramatic effect of this redistribution

The population of Livingston County may reach 160,000 by 2003, almost double its present population of approx-

will call southeastern Michigan home

By Brian Deming



"We will reach the saturation point as to how many people we can support without doing damage to the resources that attract people here," he says.

In order to preserve the quality of the lakes and the countryside in the county Craine expects the residents will have to invest extensively in storm drains, sewers and other utilities by 1990.

Oakland County will likewise experience growth but not as dramatically as Livingston County. Already one million people live in the county so that even a seemingly large influx of population by Livingston County's standards might hardly be felt in Oakland County in terms of percentage growth. However, as Hay points out, while the population may experience only modest growth, that growth will seem magnified by a boom in housing needs. Hay and other planners see a continuing decline in the size of households. Hay suggests an average of 2.3 persons per household in the year 2000. Presently the average is 3.4. This decline is not solely a result of shrinking birthrates and smaller family sizes. Household size is also influenced by lifestyle preference and affordability of living alone.

single children prefer to live in their own house or apartment. As more and more of these people can afford their own independent housing, housing demand and construction will increase beyond what the apparent population increase would warrant.

Oakland County, Hay believes, will probably experience this kind of growth: Increased housing demand and construction without a corresponding increase in population.

The growing energy crunch and skyrocketing gasoline prices may work to drastically alter the pattern of population redistribution in the seven county area. Commuters in Livingston County, in particular, are dependent on the ability to travel 20 or 30 miles fast and cheaply. Hay, in fact, says that increasing energy costs could be leading to reversal of urban sprawl.

Hay feels that business trends will change partly in response to this. In Oakland County, the giant malls such as Twelve Oaks, Tel-Twelve, Somerset will continue to prosper but no new ones will be built. Business people will seek to rejuvenate already developed areas and expand their commerce there.

The movement to the cities may also be promoted by a changing crime rate. The birth rate has been declining for some time, meaning relatively fewer children and subsequently fewer crimes committed by juveniles. If the total crime rate does not fall, at least the nature of crime will change.

imately 85,000, according to Michael Craine, Livingston County planner.

Most of those people will be moving from Detroit suburbs.

Craine estimates that of every three families that migrate to Livingston County from the southeastern Michigan area, two are from the suburban communities.

Presently 55 percent of the family breadwinners in Livingston County work outside the county. Craine sees this trend intensifying as 80 percent of new residents in the county commute elsewhere to their jobs.

Craine worries about this booming population and the ability of the county to service these people.

Usually, grandparents and older

"There are some indications of movement back to cities," he says.

Not only the growing cost of transportation, but ascending costs of new housing, new sewers and other city utilities may lead people back to the city where housing and utilities are already bought and paid for, and transportation is cheap and convenient.

The declining birth rate also means that in the year 2003 the average population will be older. The projection adopted by SEMCOG foresees 1.7 million people 45 and over, living in southeastern Michigan in the year 2000. That would be about 33 percent of the total population. Presently approximately 28 percent of the southeastern Michigan population are in that older age group.

Presently almost a quarter of our population is between 20 and 35. In the year 2000, only 19 percent of the population will be between 20 and 35.

You can read all about your future today

Books and magazines on the future abound. Here's just a smattering of what's available.

Books

Future Shock—Alvin Toffler

The Futurists—Alvin Toffler

Learning for Tomorrow-Alvin Toffler

Assignment in Eternity-Robert Heinlein

The Past Through Tomorrow-**Robert Heinlein**

Time Enough for Love-Robert, Heinlein

The Moon Is a Harsh Mistress-**Robert Heinlein**

The Foundation Trilogy-Issac Aismov

I. Robot—Issac Asimov

Science Past-Science Future-Issac Asimov

The Year 2000-Herman Kahn The Next Two Hundred Years-Herman Kahn

An Incomplete Guide to the Future-Willis Harman

Toward the Year 2000—Daniel Bell World of Facts and Trends-John McHale

The Ecological Context-John McHale

The Man Who Saw Through Time-Loren Eisley

Recreation

Continued from Page 13

program will be to provide public access to fishing waters in Detroit, Trenton, Ecorse, Gibralter and Erie Township, at a cost of \$3.3 million.

DNR officials say the Grand River plan will increase fishing opportunities for an estimated one million residents living near the Grand River watershed in the Lansing area. The cost will be \$2.2 million.

-The urban wildlife program with two initial projects, the St. Johns Marsh acquisition, involving purchase of some 2,700 total acres in St. Clair County, costing \$1 million, and construction of the Pointe Mouillee Interpretive Center near Monroe, costing \$500,000.

-Redevelopment of the State Fairgrounds in Detroit at an initial cost of \$750.000.

DNR officials stress that the urban recreation program "is not merely a plan, but it is an action program for consideration by the governor and legislature."

In addition, the DNR also plans a land acquisition program of \$600,000 to purchase key parcels inside the boundaries of seven parks in or near urban areas

Critical Path Method-Frank Lloyd Wright

The Future of Architecture—Frank Lloyd Wright

Communication With Extraterrestrial Intelligence—Carl Sagan The Cosmic Connection-Carl Sagan **Dune-Frank Herbert** Hellstrom's Hive-Frank Herbert Fahrenheit 451-Ray Bradbury The High Frontier-Gerard O'Neill The Coming Age of Solar Energy-D.S. Halacy

1984—George Orwell Brave New World-Aldous Huxley 2158 A.D.—Thea Alexander

Magazines

Alternative Futures, Alexis Aldridge, co-editor, Racham Building, University of Michigan, Ann Arbor, Mich. 48109

Co-Evolution Quarterly,---Steward Brand, editor, Box 428 Sausolito, CA 94965

Ecologist, Journal of the Post Industrial Age, 73 Molesworth Street, Wadebridge, Cornwall, England, PL 27 7DS

Fantasy and Science Fiction, Mercury Press, Box 56, Cornwell, Conn. 06753

Forefacts/Forenews (Tomorrow's New Today), Box 454, Storrs, Conn. 06268

Futures, Journal of Forecasting and Planning, 205 E. 42nd Street, New York, N.Y. 10017

Futures Conditional, Nancy Bell Coe, editor, Box 5296, Spokane, WA 99205

The Futurist, World Future Society, Box 30369, Washington D.C., 20014

Galaxy, Universal Publications, 235

East 45th Street, New York, N.Y. 10017

Quest, Robert Shnayerson, editor, Box 3700, Greenwich, Conn. 06830

Science Fiction Analogue, 350 Madison Ave., New York, N.Y. 10017

Science Fiction Studies, English Dept., McGill University, Montreal, Quebec H3A2T6

Technological Forecasting and Social Change, Harold Linstone, editor, Box 751, Portland State University, Portland, Oregon 97207





depending on funding.

The park plans include:

-Lake Erie Metropark in Wayne County, involving 1,100 acres 20 miles from downtown Detroit, south of the City of Trenton.

-North Branch Metropark in Macomb County, covering 3,000 acres along the north branch of the Clinton River in Ray Township between 26 and 31 Mile Roads.

-Indian Springs Metropark in Oakland County, covering 2,000 acres nine miles northwest of Pontiac at the headwaters of the Huron River in Springfield and White Lake Townships.

-Mill Creek Metropark in Washtenaw County, covering 3,500 acres of rolling, hilly countryside that is ideally suited for a water-oriented park and located in Lima and Freedom Townships. .

The need for more land becomes evident as people spend more and more of their leisure time on recreational activities, Laidlaw said.

"The trend is toward more leisure time," he said. "More people are trying the four-day work week." With more leisure time, he said, more pressure is placed on the park systems, especially on Saturdays and Sundays, the two busiest days.

Closer to home, land acquisition also is playing a major role in the development of a regional park system by the HCMA, according to its director, David Laidlaw.

Over a 30-year period up to the year 2000, HCMA hopes to double its recreational land holdings, he said, with a goal of 30,000 acres to be developed for re use in southeastern Michigan.

"Since 1970 one of our major activities has been land acquisition," Laidlaw said. "I'd say we own 18,000 to 20,000 acres now, with about 15,000 developed in our metropark system."

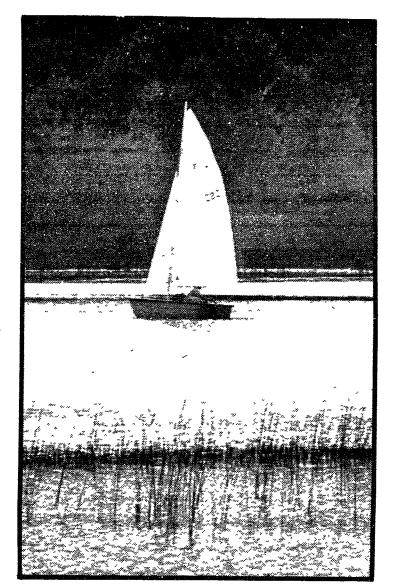
HCMA has four more metroparks on the drawing boards with land acquisition coming first and development at a later date, 10 or 15 years from now,

One factor that could magnify the whole problem in a hurry is energy, Laidlaw said.

"If we had another energy crisis, we could be feeling the pressure inside a month. We in Michigan are spoiled. We think it's nothing to hitch up the trailer or boat or our best plaything, hop on the expressway and travel 200 to 300 miles north to our cottage or camp area.

"We expect that recreation, and we like it. But what's going to happen if we can't drive 300 miles? People are going to seek their recreation closer to home and that's going to put pressure on us."

CLIMATE





Hot or cold? Pollution will decide fate of future

climate

By Brian Deming

You were expecting maybe year-round arctic temperatures or a tropical rain forest?

Then you will be disappointed to learn that Nelson Dingle, professor in the University of Michigan's Department of Atmospheric and Oceanic Sciences, predicts that the weather and climate of southeastern Michigan in the year 2003 will be much the same as it is in the year 1978.

Dingle considers the forecasts of an approaching ice age or similar extreme climatic changes to be unfounded and irresponsible.

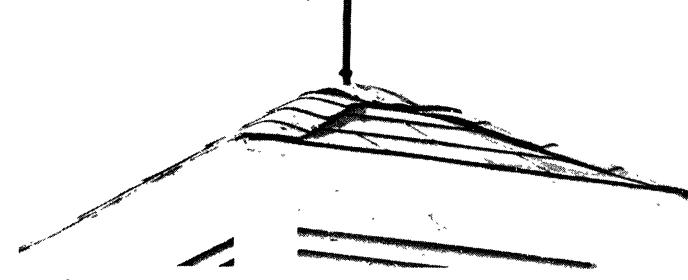
"I don't think it is proper for them to overstimulate people with it (long term forecasts)," Dingle says. "It's the old scare technique: 'Give me a lot of money to pursue my research because I've scared you silly."

Even with modern technology, Dingle explains, weather forecasts more than three days ahead of time are chancy, at best.

Even though long term predictions are based on different evidence — weather trends instead of immediate weather conditions — those predictions are still merely educated guesses.

The multitude of variables that make up the weather and climate frustrate attempts to map out future weather patterns. The movement, temperature and composition of the oceans and atmosphere, and the sun's unpredictable role on all of these are just the basic factors that have to be considered.

Nevertheless some scientists have attempted to



forecast weather and climatic conditions far into the future. One such scientist is Reid Bryson of the University of Wisconsin.

He has studied the relationship between periods of intensive worldwide volcanic activity and climate patterns. The volcanic dust-smoke and debris spewed into the atmosphere during these periods, Bryson theorizes, blocked enough of the sun's rays to cause an overall cooling trend, or mini-ice age. This happened, for example, between 1300 and 1500.

Bryson contends that air pollution by man is helping to produce conditions similar to those that existed prior to that colder period.

Other equally plausible theorists find different conclusions. The earth may be gradually getting warmer, William Kellogg of the National Center for Atmospheric Research suggests, because of an in-

³⁰⁻SLIGER HOME NEWSPAPERS-Wednesday, May 10, 1978

Man hopes to harness weather

Ever since he first saw his home wash away in a flood or his crops whither in draught man dreamed of controlling the weather.

Weather modification remains mostly that, a dream, though man has attempted, with some success, to harness nature's whimsy.

By the year 2003 those dreams may be realities if more can be learned from present efforts, experts say.

Rainmaking by cloud seeding is perhaps the most widely known method of weather modification today.

Seeding consists of dropping chemicals from airplanes onto clouds to promote precipitation.

But the success of this form of weather modification depends on the types of clouds and the specific weather conditions at time of seeding. Scientists still do not fully understand the process and maintain that at times the seeding actually inhibits rainfall.

The National Academy of Sciences 1973 report, titled "Weather and Climate Modification," summarized the recent work on seeding: "...ice-nuclei seeding can sometimes lead to more precipitation, can sometimes lead to less precipitation, and at other times the nuclei have no effect, depending on the meterological conditions."

Perhaps the most success in weather modification has been in the control of fog. Airports routinely use solid carbon dioxide or silver iodide to seed fog or low clouds to improve runway visibility. But this technique is only successful on "cold" fog.

Ninety-five percent of fog over airports in the United States is warm fog and the technology for economically clearing warm fog has not been developed.

Hurricane modification is perhaps the most fantastic weather modification dream being researched.

Dramatic reduction of wind speeds in hurricanes has followed seeding efforts. But, again, not enough is

known to determine whether the seeding actually caused the reduced wind velocity.

Even less is known about tornadoes than hurricanes because of their relatively small size and short life-span. Thus tornado modification is practically an unknown science.

While advances in weather modification are certain, Professor A. Nelson Dingle, professor in the Department of Atmospheric and Oceanic Sciences at the University of Michigan, does not expect dramatic

Hot or cold?

crease in the atmospheric level of carbon dioxide.

Man's use of fossil fuels produces great quantities of the colorless and odorless gas which acts in the atmosphere like a one-way mirror; it allows the sun's rays through unhindered but prevents heat emitted at the earth's surface from escaping back into space.

This "greenhouse effect", some scientists feel, may raise the atmosphere's temperature 5.4 degrees Fahrenheit by the year 2050.

Still other theorists relate sunspots to coming droughts and the fluctuation of the earth's orbit to and eventual return of a new ice age.

Dingle dismisses these theories because they do not and cannot take into account all of the factors that influence weather and climate.

Dingle recalls how, more than 20 years ago, scientists were concerned with the "greenhouse effect" because of an apparently increasing quantities of carbon dioxide in the atmosphere. But temperatures since then, instead of increasing as predicted, have slightly decreased.

new developments. -

He also says that at the present time man is working on a scale too small to seriously alter the weather either purposefully or inadvertently.

Considering the potentials of effective weather modification Dingle sees man's present inability to control the weather as a kind of blessing.

"The power to modify the weather is a great power," he says. "It may be just as well that man can't, until his wisdom develops more."

"The complexity of these natural systems tends to protect us," says Dingle, "from extreme variations in the long run."

For example, if the temperature indeed rises, more snow will melt, more water will evaporate causing clouds to form. These clouds will reflect the sun's rays, causing less energy to reach the earth. The temperature on earth thus will fall.

Similarly, if the atmospheric temperature becomes unusually cold the air will hold less moisture and fewer clouds. Thus, the earth is more exposed to the sun. The earth and the atmosphere is thus warmed.

Man's potential influence on the atmosphere, particularly through air pollution, is, of course, a concern, admits Dingle.

However, he points out, there are always a natural volume of debris in the atmosphere.

To be able to make accurate long term predictions -better technology is needed and Dingle has little hope for a sudden technological discovery to revolutionize meteorology.



Today's garbage tomorrow's energy

By Steve Bell

WITH THE THREATS of power blackouts and diminishing energy supplies brought forth by the recent coal strike still fresh 'in mind, perhaps Americans should look to their trash cans for some assistance.

Yes, their trash cans. Experts estimate that a full six percent of the / nation's energy needs could be filled by the recovery of energy contained in the garbage we throw away like, well, like garbage.

But the road that must be traveled to capture that energy is a long one.

The way we handle garbage today is basically the same way the caveman did millions of years ago — just throw it away and forget about it.

Trucks carry our garbage away to huge open pits called sanitary landfills. These pits create eyesores on the environment and waste the precious resources of our energy. And, in urban areas, the space required for the landfills is rapidly running out.

But within 30 years or so, scientists and engineers hope to team up with politicians to devise a resource recovery system which will turn our garbage into gold.

In fact, the process has already begun. The idea of resource recovery the art of turning garbage into valuable products — has already started operating in many urban areas, primarily those cities where the land to only what material is economically feasible to extract. In other words, they cull out of the garbage only what they will be able to sell at fair prices.

The technology already exists to construct systems which would efficiently recycle our waste — but the money necessary to start such a system is difficult to come by.

Oakland County, for example, is currently campaigning to construct a similar facility, but the idea seems to be years away from becoming a reality.

George Schutte, supervisor of the solid waste unit of the public works department, has been busy trying to enlist support from communities for the resource recovery concept.

Schutte must go to the cities because presently cities have sole authority to levy taxes for garbage collection and the county must get their permission before it can construct a large resource recovery plant.

But, even though the cities involved now seem willing to express their approval of the concept of the plan, winning approval for the financing of a resource recovery plant is something altogether different. The cost to taxpayers for resource recovery is roughly four times that of using sanitary landfills. In rural areas, the cost would be much greater.

"In the earliest part of the discussion of a plant, I got comments from tax-





the garbage, and then run it through a magnetized chamber, separating the metals out, then into an air classifier, which would lift the lighter materials and let the glass and stone fall to the be no problem reaching that 1,000 ton a day figure.

One problem Schutte sees ahead is how to institute the resource recovery systems on a wide scale without

be used for sanitary landfills has become scarce.

In New York, a plant expected to take in about 2,400 tons of garbage daily should soon start production. In Chicago, a municipally-owned garbage processing plant is already in operation that has the capacity of transforming about 700 tons of trash a day into the energy equivalent of 120,000 tons of coal a year.

Another 14 such resource recovery plants are already in operation in the country with many more being planned.

The facilities are limited in design, however, recovering from the garbage

payers saying, 'I don't care what it costs, just do it',' Schutte said. "Well, in a few weeks, we will be coming forward asking for some money. My heart would be warmed if those same people said the same thing."

Schutte is not overly optimistic, though. He notes, however, that as sanitary landfills become more and more expensive and unsightly, the idea of a resource recovery plant will become even more appealing.

The Oakland County plant would be modeled after other resource recovery plants being experimented with in other parts of the country.

• Basically, the plant would first shred

bottom.

The different materials would then be melted down into usable material or burned to produce heat energy.

Approximately 98 percent of the garbage could be transformed into usable products, Schutte notes. The major problem, he says, is finding a buyer for the products at a price that recoups the cost of recovering them. The proposed Oakland County plant would need to process some 1,000 tons of garbage daily to operate efficiently, Schutte says. And still it would not be as cheap as the conventional landfills.

But Schutte notes that, if local communities approve the plan, there would damaging the nation's economy. For example, if all the metal were actually recovered from garbage and the mines were closed for eight years, then what about the miners who would be put out of work?

The economy is geared toward the consumption of goods, Schutte says, and that direction works against the financial wisdom of creating a nationwide resource recovery system.

So, although the nation could probably cut six percent of its energy costs by the creation of a resource recovery system, the producers of our energy may not be quite so willing to give up that share of the market. \Box

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AGAICULTURE

More farms, less farmers

FOOD. IT's THE most basic and most important commodity produced in the world today. It will remain so in the future.

To be sure, humans can exist without television, radio, automobiles, appliances, and everything that makes living more comfortable.

But food... that is something that man has never been able to live without.

What it all means is that agriculture, the science and practice of the cultivation of the soil, will continue to play a tremendous role in our future.

"When one talks about quality of life, one must first speak of an adequate food supply," said Dr. J. A. Hoefer, associate director of the Agricultural Experiment-Station at Michigan State University. "One can't survive very long without food.

while keeping within the constraints placed upon production practices.

"We know we will need more food as the population inceases. But we also know that we have less energy to work with than before and that there is a rising concern regarding the use of chemicals in food production.

"We will have to learn to produce more with less."

America has done just that since the

industrial revolution modernized farming in the 19th century.

Though the percentage of the population involved with the actual production of food has steadily declined since that time, food production has increased tremendously. Technology has, for the most part, been responsible.

Today, only four precent of the population of the United States lives on a farm. Every one farmer produces enough food to feed himself and an additional 55 people.

The MSU Agriculture Experiment Station, one of 50 such institutions across the U.S., is sponsoring more than 450 research projects at an estimated budget of \$15 million.

Hoefer pointed out that the cost figure is only a drop-in-the-bucket when one considers that Michigan's economy reaps over \$8 billion from agriculture. Still further technological advances are being made.

"We are exploring areas such as minimum tillage' and "improved plant development," the associate director noted.

"Minimum tillage is a possibility for the future. A farmer doesn't plow his field as much, so he is able to save on fuel costs. But there is a trade-off because the farmer must use chemicals to control weeds. "Improving plant development is an on-going effort and will increase. There are constant research efforts to produce higher yields and make plants more winter-hardy and resistant to pests."

All this research and technology and production costs money. And while costs are expected to increase each year, one agricultural economist said that he doesn't think it will change the single-family farming units which produce the vast majority of America's food.

"The future is good for one-family units," said Dr. Ralph Hepp of the MSU Department of Agricultural Economics. "Most entry now into farming is through the family.

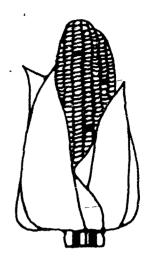
"The 1976 census showed 2.7 million farms in the U.S., with very few being owned by corporations. Families still compete with conglomerations, and will continue to do so."

Hepp contends that people can still go into farming if they really want to, but adds that it is not the most financially feasible project to undertake.

"Costs (prices paid by farmers) have gone up considerably. It is up something like 103 percent in less than 10 years. Meanwhile farmer income is way down.

"It will be still possible to go into far-

By Jim Cnockaert



ming as a career, but people need plenty of capital and time. Farming will not get any cheaper."

Dr. David Armstrong, assistant dean of MSU's College of Agriculture and Natural Resources, stated that numbers of people working on farms will continue to decrease while farms will continue to increase in size.

Enrollment in agriculture-related university programs at MSU continues to rise, though only about 12 percent of the students go into the actual production end of agriculture (farming).

One-third of the students will go into business, while another 20 percent will seek employment with the government.□



In the Fair City of Brighton 9912 E. Grand River (near Old U.S.-23) Open 10 to 6 Tues. through Sun. Phone 227-6888

CHILDREN!

Don't you think it's time your mother did something for you? For years now you've been contented to accept small duties from her like giving you life, feeding you your first nourishment, waking up at all hours of the night to answer your infant necessities, checking your safety and bodily comfort a few dozen times each of your toddler days, shopping for clothes that would enhance the appearance of your ever-expanding body frame, including countless pairs of shoes that she seemed to have to re-tie every time you turned around.

Then when you were full of the wisdom of pre-adulthood she interfered with many of your early plans that could have been disastrously joyful, like smoking, drinking, driving recklessly, staying out all night, even suggesting you eat solid food once in a while.

Often she went so far as to prepare special balanced meals of expensive foods she thought you liked. Luckily you managed to be late for lots of these, or missed them entirely. Remember the times she'd loan you her car, or wheedle dad out of his for you? How much more fun it could of been to ride in an old junker, with no lights, no brakes, (and mostly No Gas!)

Won't you be glad to forget how everytime you managed to get your clothes real dirty and smelly, she managed to launder them again, over and over.

Oh, I tell you kids it's high time! Why go on? Just let her know you'd like her to celebrate MOTHER'S DAY by doing something real nice for a change; you deserve it!

The Cocoa Tree Family

(With apologies to all. You see this is supposed to be an ad for the year 2003.)

The car of tomorrow will be safe, small, economical

By Rolly Peterson

May 10, 2003, promised to be a good day for Fred Lightyear. He had eaten a good breakfast — a couple of eggs, some bacon, and coffee, all prepared in thirty seconds and augmented with a vitamin pill.

Giving him that sense of euphoria was the new car he was driving, the latest conveyance — the Mobilizer. A single seater, it had surprising room, an airy array of windows, front wheel drive, and a turbine engine with ceramic parts. Fuel for the vehicle was dirt cheap. Peanut oil, after all, was plentiful, much cheaper than another fuel alternative for the turbine — perfume.

The new Mobilizer wouldn't replace his piston driven Moniker, the new family car sitting in the garage at home. But the Mobilizer was the perfect way to get to work cheaply. Sixty miles to the gallon wasn't bad at all.

Everything was going smoothly on his trip to Ann Arbor. The dash lights indicated the engine was purring smoothly. Fred contemplated the ease with which any breakdown could be repaired. Just drive the Mobilizer into the nearest service station or dealership and have the malfunctioning component replaced. That was one of the benefits of a modular system. Remove the unit and replace it with a new one.

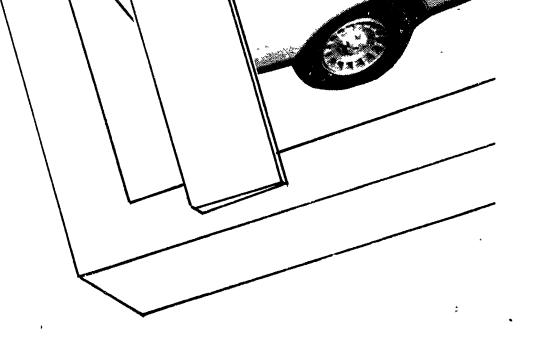
Troubleshooting the vehicle was no problem. Fred, himself, was thinking of buying an Analyzor, one of those mini-computers for home use which could troubleshoot the car within a minute. The Analyzors were a bit expensive now. They were relatively new on the market. But as more computer analyzers entered the marketplace and more companies entered the race for customers, the price would become more realistic. Surely within Fred's means. All one had to do is plug the Analyzor into the vehicle outlet and the trouble would be

pinpointed.

Fred felt secure, too, as he watched the passing landscape. Although the car was light, only 800 pounds (1,000-pounds payload with Fred's 200 pounds), the inflatable shoulder belt which swung into place as the car door closed was like a pleasant hand of restraint which promised to cushion any collision. If there was a blowout, he could travel 50 additional miles before having to change the tire. But alert driving was still the best way to avoid accidents, and injury.

"Will marvels never cease?" Fred asked in

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AUTOMOTIVE

Car of tomorrow

the quiet of his turbine-driven car. "Will the technological know-how of man continue to push to new frontiers and conquer them?"

Fred was 60 now, and felt as good as he had at 35. He could remember 1978 as if it were yesterday. He had won \$1 million dollars in the state lottery that year, \$50,000 for each of the next 20 years. How ecstatic his family had been, wife Wendy and two children, Greg and David.

Gloom and doom described the attitude of many that year. Mid-east conflict, rising fuel prices, the coal strike, uncertainty in the backbone of American industry, the automotive business, a mounting trade imbalance, due to foreign firms invading the American market. Then came the \$1 million jackpot for the Lightyears.

Fred had attended an automotive meeting in 1978 at South Bend, Indiana. F. O. Anderson, II, group vice-president for Chrysler Corporation, had addressed the Bendix Management Club, giving his analysis of the future in the automotive industry. Anderson had predicted cars would be lighter through reduced size of the vehicles and lighter materials; that the piston engine would continue to prevail, but the four-cylinder engine would account for over 60 percent of the fleet by 1985 (as compared with six percent in 1978);

That the diesel, if problems of noise, odor

and smoke could be overcome, would be an engine of the future; that the electric car, if the battery were improved, which seemed remote, would provide 75 miles on a single charge; that the turbine engine, because of higher combustion temperatures, would be a long-range alternative but had great potential because it could run on fuels such as perfume and peanut oil.

That the car of the future would make greater use of electronics to control systems and operations and that this system would make servicing of cars easier, due to computerized diagnostic analyzers; that modules would permit easy repair through replacement of electronic parts that were malfunctioning; and that cars would be safer, due to soft, plastic front and rear ends that compress on impact, inflatable shoulder belt systems that harnessed up upon closing of the car door and tires which would continue to run for 50 miles after a blowout, just as the Calspan-Chrysler, experimental car of that day contained such tires.

Fred could remember reading about the predictions of Eugene Bordinat, vice-president of Design in 1978 for Ford Motor Company, who, relying on Ford's independent study of future expectations, had accurately generalized about the automotive industry. The American customer, Bordinat had

The American customer, Bordinat had predicted, would continue his desire for freedom of movement in the year 2003, his desire for style, comfort and convenience. As a result, individual conveyances would continue their popularity and new-car sales would reach 17 to 18 million per year.

Bordinat had forecast, Fred remembered, several salient trends for the year 2003.

• A proliferation of vehicles in general — more than in any time in history.

• A definite european influence in their design.

• Three basic sizes of cars — mini, small and mid-size, with most of them in the latter category.

• Preservation of the five and six-passenger car.

• More front-wheel drive.

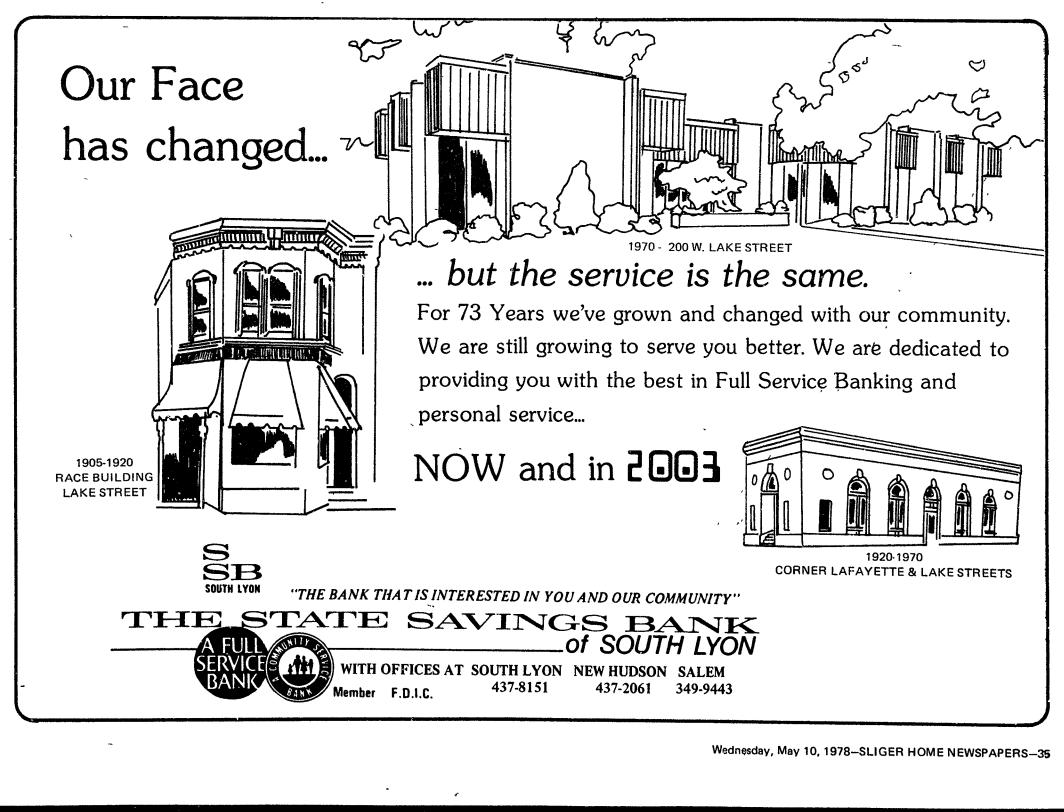
Internal combustion engines.

• Petroleum-based fuel with the possibility of methanol or ethanol additives.

• In general, a more fuel-efficient, lightweight car.

"Who would have guessed that I would be driving a vehicle like this?" Fred asked himself, as his Mobilizer passed over the Huron River and Fred braked to make his exit from U.S. 23.

"But then," he observed, "nobody would have anticipated in the early 1900's that the car of 1978 would have automatic transmissions, cruise control, radial tires and stereophonic music." \Box



Dead will be 'standing'

SHORTAGE OF LAND and expense of acquisition for cemeteries by 2003 may force the majority of the dead to stand on their feet throughout eternity.

Whatever the year 2003 brings, it is likely that in some areas of the world the traditional horizontal, in-ground burial of 1978 may become nearly as obsolete as the crystal set.

Local morticians don't necessarily agree with this assessment, however. Some funeral directors in this area believe that their governmental bodies have provided adequate space for customary burials for many years to come.

Whether the average deceased body in 2003 spends eternity standing on its feet in a cement cyclinder or laid to rest in a beautiful mahogany casket or as ashes scattered to the four winds, burials are most certainly headed for change.

There is a large portion of the medical world which believes the future holds ever increasing feasibility of "harvesting the dead" by recycling limbs and organs as transplants.

Still another area for conjecture has been opened up with the quick freezing of the bodies of newly dead for rejuvenation when cures for today's diseases have been perfected.

Hawaiian inventor, Abner Nunes, is sure he has the answer to the possibility of shortage of land for burials. Nunes has patented a burial system that places the deceased in a plastic cylinder which is then slipped into a circular concrete vault already set in a vertical position in the earth.

The idea came to Nunes in a dream in 1969 in which he visualized a deceased person sealed in a clear plastic capsule allowing viewing of the entire person rather than the upper portion as in conventional caskets.

"You know, when I was a kid, I used to think that when someone died, you went out and bought him a suit and a new pair of shoes to be buried in. But all you ever saw of him in the casket was from the waist up," the inventor explained.

It was after Nunes' mother died in 1973 that he read an article reporting that the National Memorial Cemetery of the Pacific in Punchbowl Crater was

cemetery lot, said Nunes, is about nine feet long and 44 inches wide. The newtype of burial using two cylinders, one inside the other, takes up about 32 inches in diameter — about the size of the average manhole cover.

And a manhole cover is just about what you would see in Nunes' burial proposal. The cement vault would be buried at just the right depth to-make the cover level with the ground. This would be covered with a bronze plate of a piece of polished marble on which engraving could be done. No crosses or headstones would be necessary, the inventor from the 50th state believes.

Nunes' invention sounds simple enough. In the mortuary, after the body is embalmed, it is placed inside a clear plastic "casket" and the air from the inside is extracted with a pump. The body becomes vacuum packed with the air out eliminating the danger of fogging from heat, such as is experienced in Hawaii.

For viewing, the plastic casket would be placed on a special reusable wiretype rack. Pallbearers would carry the rack, not the casket itself. A hook inside at the back of the casket would prevent the body from slumping.

After the committal service at the cemetery, a machine would pick up the casket by an eye bolt screwed into the special cover. The casket would then be lowered into the cement vault outer

casing already buried in the ground.

"The cover has already been fastened to the end of the casket with pegs. This is the part the patent office liked. The lid can't come off when it is picked up even if the deceased weighed 200 pounds or more," Nunes stated.

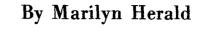
Digging the grave, estimated by the inventor as a "simple 10-minute process, is accomplished by a large posthole digger. The machine can ream out a hole about eight feet deep for the cement vault to be lowered into with the top level with the ground.

Nunes proposes that the vaults be placed in a honeycomb design at the cemetery thus allowing 30 vertical burials in the same amount of space usually needed for 10 horizontal caskets.

For those who still opt for "lying in rest" throughout eternity, Nunes says the honeycomb pattern of canister vaults in a horizontal pattern could be used in building a new-style mausoleum.

Acknowledged experts in the field of architectual design of mausoleums, Harley, Ellington, Pierce, Yee Associates in Southfield, really don't believe burials are going to change that drastically by 2003.

They do agree that expensive land and increasing costs of upkeep of traditional cemeteries will make mausoleums more common. With



multi-storied buildings, they can place 5 to 10 thousand bodies per acre of land - a parcel which would accommodate 1,000 to 1,300 bodies in the conventional type of burial.

Cremation will also become increasingly more popular, according to Robert J. Domke, the firm's executive architect. New buildings being designed by the firm include column (pigeonhole) style burial to accommodate cremation urns.

Domke notes that over 60 percent of the deceased persons in England are cremated due to subsidies provided by the government in an effort to conserve land.

"Municipalities (in the United States) are being forced to go to some type of burial that conserves land due not only to acquisition expense but to the costs of upkeep," Domke said.

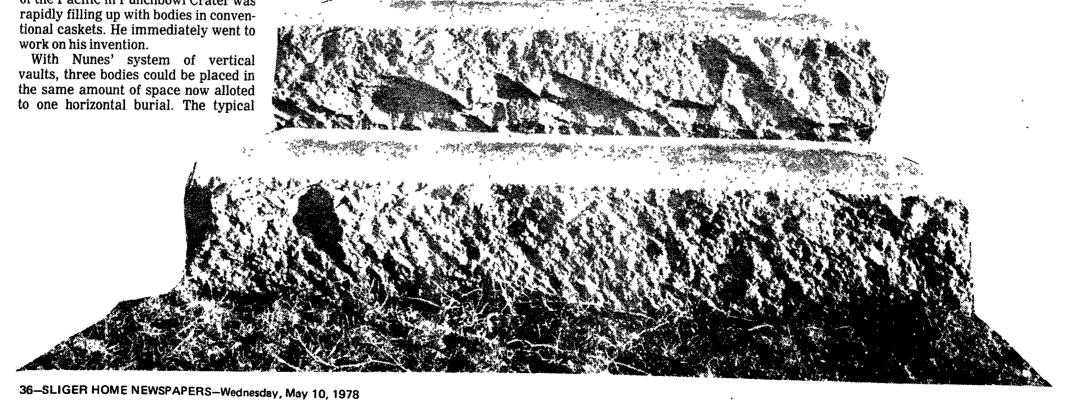
A perpetual care fund is set up by law when a mausoleum is constructed and a portion of the cost of each crypt goes into a trust to insure this. Upkeep in 1978 is approximately \$7 per crypt per year, according to Domke.

Although many of the individual rooms in a mausoleum are purchased by one family for the burial of up to eight family members, larger central rooms contain several dozen crypts which can be sold on an individual basis. These, Domke said, can be obtained for approximately the same costs as in-ground interments.

"Harvesting the dead" for reuseable parts of the anatomy for transplants to living persons is becoming more and more feasible as medical technology improves.

The Uniform Anatomical Gift Act, legislation adopted by all 50 states, grants anyone over 18 (21 in some states) the right to donate en masse all "necessary organs and tissues" simply by filling out and mailing in a small card.

The act was passed in "an incredibly short period" of time, making it appear that legislators at least see this as an acceptable and humanitarian system for the future. \Box



RELIGION

Large churches will be extinct

CATHERDRAL-LIKE CHURCHES with their large congregations are heading the way of the dinosaur, according to several area ministers and priests, who see the future of religion in 'small supportive communities.'

"The church of the future will evolve into smaller communities that depend on the human elements of living and working together," said Father Jim Pfeffer, a member of the Maryknoll order of missionary priests.

"I don't see the future in a hierarchical leadership-type of church. The authority is God, not a churchy kind of thing."

The Reverend Richard Cheatham, pastor of the First United Methodist Church in Brighton, noted these smaller churches will go a long way to fulfill a genuine need of people which larger churches have failed to meet.

"There is a great hunger for authority and certainty among the people, and the church today has not met these needs," Cheatham said. "The people have a great geniune hunger and the church can focus on this.

"As the churches get smaller, they will be getting stronger. The smaller congregations will experience more of an intimate, loving relationship and will meet for hours during the week and not just for an hour or two on Sunday

morning."

This wouldn't be to say, the ministers agreed, that smaller congregations will mean an end to Sunday services. On the contrary, there will always be the need for this kind of worship service.

"Worship is essential to the life of a Christian and so there is still the need for Sunday service," Cheatham pointed out. "The community meets on Sunday morning to reaffirm itself, and then the people scatter to their responsibilities.

"On Sunday, the people are shown the. possibilities of the Christian things they can do during the week."

The Reverend Carl Welser, pastor of St. Paul's Lutheran Church in Hamburg, put it quite simply:

"You still can't beat a group of people, meeting together to worship.'

Through the centuries religion has gone through reawakenings and reformations, both in Europe and the United States. Two ministers expressed the belief that churches are going through great changes now that will have important ramifications on the future of religion.

"Religion is going through an evangelical awakening," said The Reverend Frederick Houghton, pastor of St. Paul's Episcopal. Church in Brighton. "A lot of old patterns are breaking down, with people becoming more committed to social change.

"There is a continued growing awareness of world problems, as Jesus Christ is the world community. We are more inclined to think now in terms of the world, and the churches will be in the position to lead public opinion in that respect."

Cheatham, who holds a doctorate degree in historical theology, stated that churches are in the midst of gross reformation, and that many of the dynamics of the 16th-century reformations are going on today.

"Churches have been dispensing 'consumerist Christianity' that has not filled the needs of the people," Cheatham said. "Churches aren't the 'in' thing, and there are no longer any compelling social reasons to attend church.

"How did we get so screwed up? How did the simple faith of Jesus turn into what we are doing now? There were times when I'd get up in front of a congregation and feel more like a businessman than a minister. The congregations were getting so large that no person knew another.

"Beformation is a scary thing, but the people are hungering for something real in church. Religion will be restructured to provide genuine healing and fulfillment."

By Jim Cnockaert

Welser was the lone minister who said he didn't feel religion would change much in the next 25 years, perhaps referring to the Old French proverb that "the more things change, the more they stay the same."

The Hamburg clergyman cited his own rule of social change, "Racking social upheavals occur from year-toyear, which averages out to very little in a century's time." In other words, religion could probably change twice, but wouldn't change that much in 25 years.

"A lot of fringe religions will come and go. New religions won't crop up. Movements, which depend on the presence of one individual, will come and go as the individual does."

So, what will religion in the future be like?

Is there a great reformation and reawakening taking place both inside and outside of existing churches? Or will many changes occur, only to average out to very little change in a period of 25 years, as Welser contends?

There is definitely some disagreement, but one thing is clear - churches must strive to serve the needs of the people. Whatever changes do occur will happen because of the people. \Box



ELTHANASIA

Right to die

By Evelyn Bagwell

A matter of trust and love, not legality

In 1865, a doctor pressed his ear against Abraham Lincoln's chest and, hearing no heartbeat, pronounced the President dead.

Today, machines can measure a person's heartbeat, brain waves and the responses of almost every organ of the body.

The complexities of modern medicine which can keep a human unable of hearing, seeing, speaking of understanding alive for many years raises two serious questions when does life become death and when should a person be allowed to decide his life is no longer worth living?

As medical technology continues to advance within the next 25 years, these questions may become even harder to answer.

More and more frequently we hear stories of "mercy killing." Persons with incurable diseases, or who feel they have lived too long, are either killing themselves or enlisting the help of others to end their physical pain forever.

And some persons and families are asking doctors, whose duty it has been to keep a person alive as long as possible by any means possible, not to use "extraordinary means" to prolong life.

These and similar circumstances have created a moral dilemma for doctors, who are sometimes caught between what they believe to be the humane thing to do and what they can legally do.

In the future, however, some believe that the decision of not only how to live your life but how long to live it will be given back to the individual.

The case of Karen Ann Quinlan brought the question to national attention. Quinlan had been in a comatose state, apparently the result of mixing tranquilizers and alcohol, for more than a year and a half.

After a long court battle, her parents won the right to discontinue "all extraordinary means" of keeping her alive, including the respirator which helped her breathe.

The Quinlan decision in part prompted a California bill which allows a terminally ill patient to refuse lifesustaining medical care.

Under the measure, a person could "die with dignity by signing a living will authorizing a doctor to stop life supporting procedures if death is imminent," according to the bill's author, California Assembly Member Barry

The decision how long to live will be up to the individual.

Keane (D-Eureka).

Living wills will put life and death decisions back into the hands of the individual, his doctor and his family, says Reverend Erwin A. Gaede, minister of the First Unitarian Church in Ann Arbor and executive-member of the Ann Arbor Memorial Advisory Society.

Gaede said in 2003 there won't be a magic pill to take to end life whenever you feel like it. "It won't be that accessible, said Gaede. "Things like this take an awfully long time to change."

But suicide will be more acceptable then, he said. "It will always be a shock, always be a tragedy," Gaede said, "but we'll realize that sometimes it's the only way out people find for themselves. It won't be encouraged, however."

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Right to die

- Doctors won't be helping you end your life, Gaede said, but through living wills made before you are sick, your wishes will be considered by your physician and family.

A living will, which is currently used by only a small minority of people, states that "if the situation should arise in which there is no reasonable expectation of my recovery from physical or mental disability, I request that I be allowed to die and not be kept alive by artificial means or "heroic measures."

The signer of the will declares that in the event he can no longer take part in decisions on his own future, the will, made while he was of sound mind, shall stand as an expression of his wishes.

By signing the will, the person hopes "you who care for me will feel morally bound to follow its (the will's) mandate. I recognize that this appears to place a heavy responsibility upon you, but it is with the intention of relieving this responsibility and of placing it upon myself in accordance with my strong convictions, that this statement is made."

The will, whose legality so far has been questioned, should be signed before two witnesses, and given to the person's doctor, lawyer and perhaps even clergyman, advises the Euthanasia Education Council of New York.

Living wills won't be universally accepted in 2003, Gaede said. But more people will be persuaded and doctors will be permitted to let a life "take its natural course."

Herbert Hillebrand, chief of pastoral services at University of Michigan Hospital, said he does not feel the will would be against the teachings of the church.

"The essence of it is the wills will allow people to have some choice while they are still able to make it," Hillebrand said.

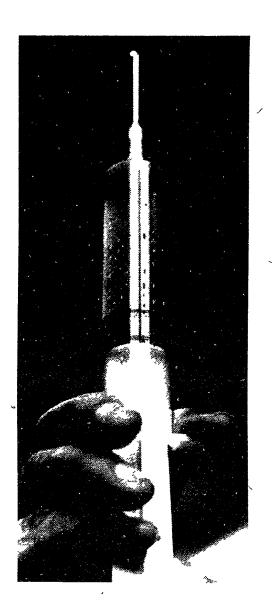
Hillebrand said he can see the advantages of the will. "There are times when I feel people should have the right to not go through all that suffering and pain when there is no hope," he said.

"In my early days at the Catholic Church we spoke of natural law," Hillebrand said. "At this point, a living will says only to let natural law take its course,... - just let nature take its course."

In the future, the decision of whether to prolong life after it is not meaningful will not be a legal one, Gaede said. "If your grandmother is in a convalescent home and she is suffering and wants to die, legal recourse isn't the point," he said.

"Do the relatives and the doctors want to go along with the person's wishes? That's the important point."

It will be a matter of trust and love and not legality, he added. \Box





Family will still be around

By Chris Golembiewski

FREEDOM OF CHOICE. That will be the key to lifestyles of the 21st century.

The stage has already been set for our lives in 2003 and the script doesn't seem such a pessimistic one after all, according to one social scientist.

The death of god? The death of the family? The death of human emotion in a mechanized world in which our electronic control board of chair-side services isolates us from the community? -

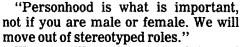
Not so, says Dr. Vera Borosage, professor of family and child sciences at Michigan State University, who has a positive view of our lives and personal relationships after the year 2000.

"Changes are here to stay," she feels, "and they will accelerate."

Some of those changes have made for predictions of an American disaster ahead in the 1960s and 70s - the high divorce rate, single parents, the cohabitation habits of young adults, the declining birth rate, women's "liberation."

"The family will not go out the window," insists Dr. Borosage. "The famity will continue to have a place in society" - although the nuclear family of mother, father and two children in their own individual home may not be common. The energy crisis and natural resource crunch will help to change that.

But individuals will not chafe under strict societal norms, in the next century, she says, and the alternative lifestyles developing today will become increasingly acceptable. Along with freedom comes the need for more per-



Women will continue to work toward becoming their own persons but it will take more than 25 years for them to achieve an equal leadership role in the world, she feels. A women president? In 50 years, perhaps. More and better role models for young girls will be needed on television and elsewhere - before women become a common sight in the executive suite. The continuing trend toward personhood for all will affect our lives, and though statistics may sound gloomy, as divorce rates remain high, the quality of marriages and families will be enhanced. Experts seem to agree that marriage and birth rates will continue to drop over the next 25 years and may even mean a decline in the national population by the year 2020.

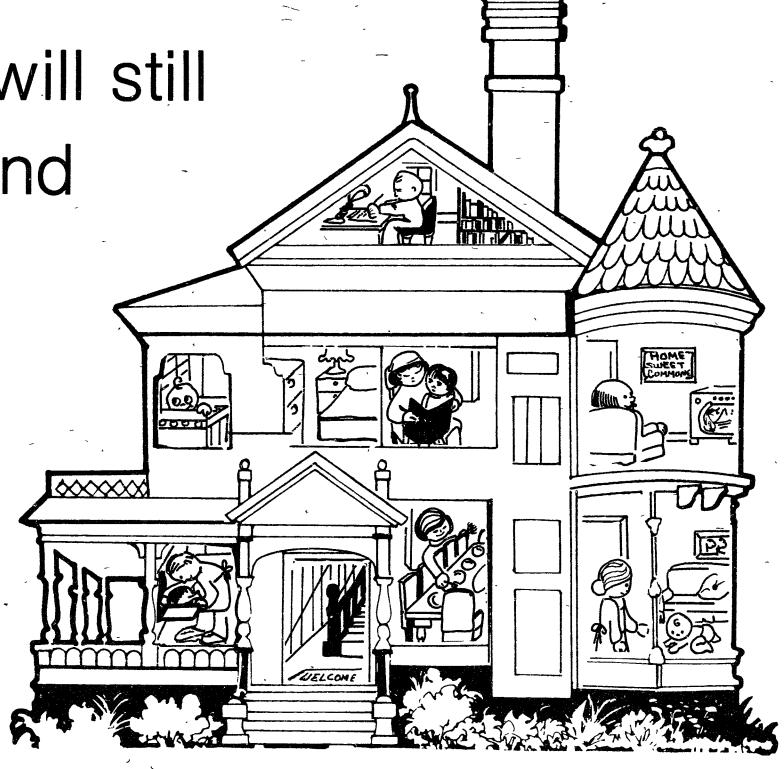
riages. We isolated families in the suburbs and we made them have too many children. We don't need everybody married and we don't need bad marriages."

Dr. Borosage would agree, noting that teenage marriages will decline and that people who marry later - say, in their late 20s or early 30s - will find their marriages longer-lasting.

"Older partners have better judg-

ethic. "Families will take part in more activities together - sports, travel, the health kick," Dr. Borosage predicts.

And fathers will have a more important role in parenting, a growing issue of concern today. "People are beginning to realize that parenting is not automatic. You don't become a good parent just by becoming a biological parent. Not everyone is a good childrearer," she noted.



LIFESTYLES

sonal decision-making, according to the professor, who teaches a course on the family of the future.

In spring 2003 will you still live in a single family home, or a threegenerational one, a foster family, a kinship network, an urban commune of young families, or perhaps share family-style cooking duties with a group of single "borders" in an oldfashioned 20th century house, now too large and expensive for one owner to maintain?

"People will continue to search for intimacy and caring human relationships. And those relationships will include a greater sense of equity and companionship," Dr. Borosage said.

And that may not be all bad.

Anthropologist Margaret Mead, who makes such a prediction, said, "In the 1950s, we made too may people get married. So we made a lot of bad marment and more realistic expectations," she said.

Will the family deteriorate? "That's a value judgment," in Dr. Borosage's opinion. "Future families will be freer, perhaps happier. There will be more open discussion of problems and sex. Men and women are now beginning to communicate with each other."

"Hopefully, we'll develop more balanced lives. Men will not be willing to sell their souls to corporations. They now want time for their families and other personal activities."

With two-job families increasing and the work week shortening, the double income will allow us to get into a play ethic, rather than the Puritan work

"We may get to the point where we will require a parenting license and parenting education. A need for it can be seen right now."

But another expert, Dr. Charles F. Westhoff, head of Princeton University population research, goes so far as to say the government may have to pay people in the future to maintain the population.

By the year 2000, according to his report in a Planned Parenthood Federation of America journal, Americans will number only 245 million - "a far cry from the 300 million an-

Continued on Page 44

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GOVERNMENT

Locals will lean on Washington

THERE ARE THOSE who say the government will soon have its claws in every part of American life, who say that government is moving toward the Orwellian mind control society described in the book "1984."

There are others who say that there will soon be a backlash against growing government power; that, in fact, power may diminish in years to come.

There are others still who feel that the road ahead lies somewhere in between those two extremes.

"I suspect there will be more involvement of the federal government at the state and local level," says Bryan Jones, a professor of political science at Wayne State University.

Jones predicts the local and state governments will remain viable administrative units, but that the funding of these units will more and more come from Washington.

"You're already seeing mayors and governors screaming we can't afford to pay all this welfare and Washington should handle it," Jones says. The state is not willing to assume con-

trol, Jones says, and thus the federal government will have to take the responsibility.

Jones emphasizes he does not think the transfer of the funding mechanisms necessarily means there will be great reduction in the power of the local units, but just that the money will be coming from different places.

The professor notes that there has already been a great switch in the past few years toward more revenue sharing by the federal government. The local units still spend the money, but it comes from a different source.

In the City of Novi, for example, nearly a quarter of the city work force is funded by the federal Comprehensive Employment Training Act (CETA) program.

Without federal funds, most cities could not even operate today.

Another factor that will play an important role in the government of the future, Jones says, is the changing age structure in the country today. Thebaby boom is over and the percentage of the population that is elderly is steadily increasing.

He says the percentage of the population that is actually working and paying taxes is decreasing. The obvious result is that the taxes on the workers will be increased to pay for the care of an increasing number of non-workers.

In short, Jones says, taxes will continue to rise.

But even that statement is just a

possibility, Jones says.

"Certain poeple just don't want to pay taxes," he says, "and more and more services are being paid out of taxes."

If such sentiments continue, it may lead government to do less to reduce taxes, Jones says.

He says he sees no immediate end to the great federal bureaucracy, however.

"People on the whole are very distrustful of government bureaucracy, but they are generally very favorable to what services the bureaucracy per-forms," Jones says. "The message then is not to do away with the bureaucracy, instead to improve but the bureaucracy."

Dave Shepherd, mayor of Oak Park and the Chairman of the Southeastern Michigan Council of Governments (SEMCOG), concurs with the professor's thesis that taxes and increasing governmental power are centainly on the minds of citizens.

"I don't think you'll find anyone who wants an increasing role of govern-ment," Shepherd says. "When we all sit down and talk and find out what we really want, you won't find anyone who says he wants to see government do more than it is doing already."

By Steve Bell

The mayor says the only reason city governments get into so many parts of people's lives is because "so many peo-ple are such lousy neighbors." Shepherd points to an ordinance in his city which outlaws excessive dog barking at night. If people took care of their pets, Shepherd says, such an ordinance

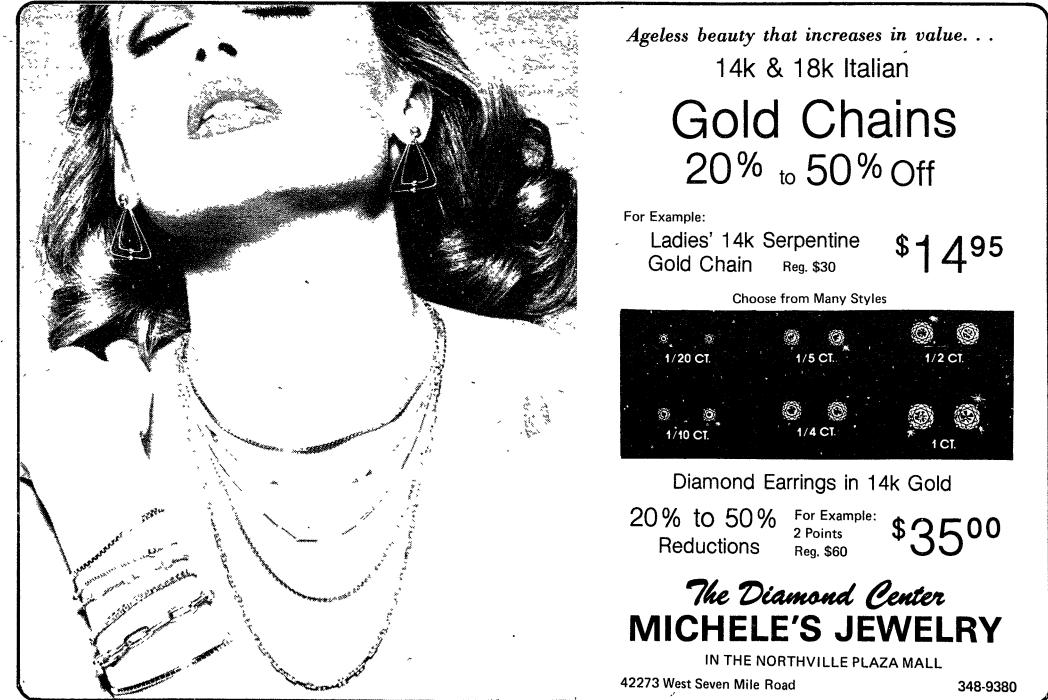
would be unnecessary. As chairman of SEMCOG, Shepherd is acutely aware of area officials' concerns about the creation of a regional government to supplant the various local agents. SEMCOG is an organization made up of about 130 units of government in southeastern Michigan, which acts as a planning and coordinating agency for the governments.

SEMCOG's only real power, however, is the ability to influence the approval or rejection for federally funded projects. The proposed \$147 million super sewer project is one example of an issue that SEMCOG exercises some control over.

"I don't believe we need a regional form of government," Shepherd says.

Shepherd notes that, of course, the business of predicting what is ahead is a risky one.

And as Professor Jones says, "Nobody can predict. We can only guess." □



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PREDICTIONS

Predicting future is unpredictable art, history shows

By Howard Rontal

In the good old days, people had

Mid-Nineteenth century London was a city choking on its own traffic. Main thoroughfares were so full of horse drawn vehicles that some experts predicted that in 50 years pedestrians would wade across the street knee deep in excrement. That prediction, of course, was wrong. What those alarmists failed to take into consideration was, among other things, the invention of the automobile. The future is like that — full of strange inventions, sudden catastrophies, ideas whose times have come, the emergence of new countries, social orders, new fads, new technologies and new visions of what's ahead. Starting with what we know, the past and the present, we try to the do the impossible, know the future. The unknown is often frightening, and compelled by this fear and the desire to mold the future to our desires, we try to know the future anyway. The best we can come up with is a prediction, a forecast, a vision.

curacy looks about the same as a night of shooting crap — some sevens, elevens, and very astute projections; a lot of snake-eyes, losing throws, and wildly inaccurate predictions.

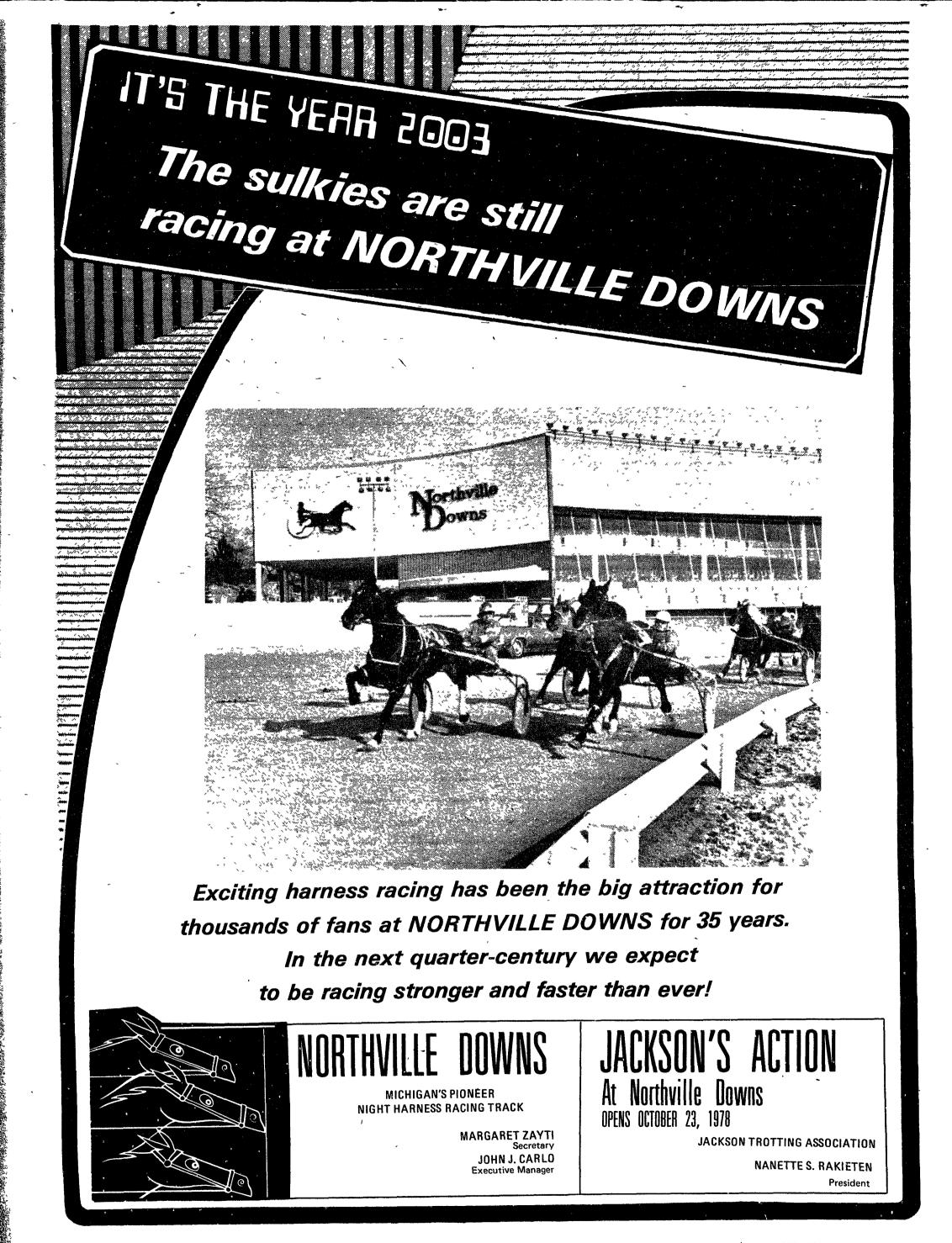
Also looked at historically, the kinds of things that were being predicted varied with the time and place of the people who made them, said Marvin Becker, a professor of medieval history at the University of Michigan. When cultures are confident of the way they live, they tend to predict more of the same, he said. When they are not confident they predict radical change — the terror of the apocalypse during the the middle ages or a refusal to make hard and fast predictions in our own age. In the days of Classical Greece, hundreds of years before the birth of Christ, soldiers, statesmen, and philosophers went to the Delphic Oracle to find out what the future held in store. The oracle, always a married woman over 50 years of age, would bathe in and drink from the sacred spring, enter the Temple of Apollo, mount the sacred podium, and chew on a sacred laurel leaf before trying to divine the will of the gods.

a greater sense that the future was an extension of the present, a better version of the present, not a different version of the present.

Looking back at the history of predictions from the long term historical perspective, the record of acFor those who could understand her highly ambiguous prophesies and believed them, her predictions were not what could happen, but what would happen.

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Past predictions

Continued from Page 42

King Croesus of Lydia contemplated an attack on Persia. He consulted the Delphic Oracle. Her prediction, related Richard Shannon, a U of M professor of Classical Studies: "If you cross the Halys River, a great empire will fall." Now confident, King Croesus attacked Persia and a great empire did fall — his own.

The Greeks had a strong sense of "divine omniscience" and fated events, said Shannon, but only after the event happend. They may consult the oracle, but the burden of the future was still on their shoulders. Only after the event happened did they see the hands of their gods at work.

_ The oracles seemed to share this uncertainty about the future, because, "the whole trick in being an oracle was leaving the prophecy open enough so that after the event it could be interpreted to fit what happened and make the oracle look good," said Shannon.

But while the Greeks were uncertain in this sense, they were quite confident of their world view. Those who went to the oracle wanted to know who would win this battle or that political contest, not, as in later ages, what form of civilization would follow theirs.

During the middle ages the social order was strong and the belief in the Christian god absolute, but strangely, predictions of the time warned of the imminent coming of the anti-Christ, the end of the world, of Judgment Day. A group of Franciscan monks predicted that the world would end around 1300 A.D.

Not so strange, says Becker. While the values of life may have been sound, the "conditions of life were so grim." Epidemic diseases like the plague and syphillus, the high infant mortality rate, and periodic wars did not lend their earthy existence a sense of security.

The latest trend in the study of the future is not "predictive but speculative," says Alexis Aldridge, the co-editor of the magazine "Future Alternatives." Many modern futurists don't predict what will happen, but what can happen. Man can choose his futures, she said.

This "what if" speculation has its roots in the 19th century when the belief in "progress" was at its highwater mark. Those were the days when leading intellectuals and industrialists spoke of the great things that would be achieved with the use of the scientific method of man's _accumulation of knowledge and the rise in the intelligence of the masses that would come about by universal education, said Don Michaels, a professor of planning and public policy at the University of Michigan.

They confidently, if not arrogantly, predicted a future of faster locomotives, taller buildings, larger ships, more powerful steam engines, and the expanding possibilities of electricity. They predicted, agree Michaels and Aldridge, not so much to influence the future, but to bask in it like a day dream.

It was almost as if the "future were out there to grab us," explained Michaels. Those were the future's good old days, when "people had a greater sense that the future was an extension of the present, a better version of the present, not a different version of the present."

"That was before World War I shot the hell out of the idea that knowledge would make us free," he said.

Charles Darwin's theories of evolution also knocked the 19th century from the comfortable idea that the future would just be a bigger and better today, Aldridge said. After Darwin people began to see man as a being who had evolved from one form of life to his present for over thousands, if not millions of years. From his present form, said-Aldridge, who knows what he might become and what kind of world he would create.

The dramatic new technologies and widening intellectual horizons gave birth to the modern utopiannovelists and science fiction writers. An American, Edward Bellemy, wrote a book entitled "Looking Backwards" in the late 19th century in which modern technology and socialism insured a society dedicated to preserving the very traditional values of humanequality and cooperation.

It also gave rise to the modern "anti-utopians" such as Aldous Huxley and George Orwell, said Aldridge. In their books, "Brave New World" and "1984" respectively, both took what they saw as the most important and fearful aspects of the modern world and dreamt future societies in which these are the ruling values.

In "1984", for instance, all signs of individuality, spontaneity and love are outlawed. Society runs on fear for the benefit of the ruling class. Hidden microphones and television cameras spy on your every move. History is constantly being rewritten to conform to the latest political strategies.

Anti-utopian novels are really "warnings" of what may come if world citizenry isn't careful, Aldridge said.

Since World War II, as the technology developed, a few experts with more adventurous natures, have tried to use the computer to predict the future by quantifying present day trends and making mathematical models.

A book entitled "The Year 2000" by futurist Herman Kahn, is one bold example.

But according to Aldridge, the model-makers are now wondering why their predictions aren't coming true. Michaels maintains thát even when they do come true, the model makers often can't figure out what went right.

No matter how complex the model, it still doesn't include enough variables, maintains Aldridge. Neither do social scientists understand well enough how change comes about to know how it will come about, adds Michaels.

A professor of computer science at the University of Michigan, Arnie Rosen, agrees that computers and mathematical models are not crystal balls. He pointed out that Kahn, in his 1968 study, failed to take the effect of pollution into consideration. Within several years it became obvious that pollution would pose mammoth problems as far as the mind's eye could see.

Rosen believes that the major value of long range

math based predictions lies in the thought and care required to define the underlying assumptions. Once the assumptions are defined and quantified, they can be debated, thus giving a better understanding of the present.

-Computers are best used in short range predictions, like trying to figure the price of coffee over the next six months, Rosen said. For such forecasts all the variables are usually known. But let there be a record breaking cold snap in Brazil or an oil embargo in the Middle East and...

While Rosen sees the limitation of the computer and model making in general, he asks, "What better tool do we have? I'm not betting my life on computer models of (foreign relations) but I am betting my life on our State Department's model of the world."

Given the limitations of math and computers in predicting the future, and those imposed by just being human in an unstable world of equivocal values and rapid social change, "futurologists" have turned their gaze inward to search for "images of the future," futures we can work toward.

Aldridge's Ann Arbor-based magazine, "Future Alternatives" is devoted to this idea. In it she publishes articles with titles such as, "Utopias and World Futures Models" and "The Future of the Forebrain."

In the later piece the writer discusses how changes in society and technology will alter the human psyche.

On a more practical level, utopian values and scientific attempts at prediction may have found a happy meeting ground.

Probably the best known computer study of this kind, "The Limits of Growth," was commissioned by the Club of Rome, an international group of scientists and social scientists. (Michaels is a member of this organization.) Its 1972 study attempts to forecast what changes would take place in the world if present trends in population growth, food production, industrialization, pollution and consumption of nonrenewable resources continues.

Its computer must have had a nightmare digesting the statistics. It forecast a world in which far too many people want too few goods made from dwindling natural resources. Industrialization and pollution will make the world an unhealthy and unsightly mess. Under this pressure, governments and societies could become rigidly authoritarian, if not typrannical.

While the assumptions and statistics on which the study is based are under fire by many experts, it has made the subject of world development "common international talk," said Michaels.

Even if the study is not taken as god's word, but as a mathematical suggestion of the future, it gives us a measuring stick to determine how far we are form living up to its dire vision.

What's the future of predictions? What kind of predictions will we make in the year 2003? What will be predict? Aldridge, for one, said she didn't know and wouldn't even try to "imagine" an answer. How we predict the future will depend on how we see ourselves at time and that, of course, is a prediction.

"I'm not an oracle," she said. 🗆

Family still around

Continued from Page 40

the number of unmarried people living

relatives - of several nuclear families

tion will come to expect more from

ticipated in a message to Congress only eight years ago."

Closer to home, the Southeast Michigan Council of Governments six years ago projected its seven-county region would reach 6 million population by 1990. SEMCOG's newest studies now predict only 4.2 million for the year 2000. The current regional population is estimated at 4.8 million.

And yet, the number of households in the southeast Michigan region will grow from 1.4 to 2.09 million, following national trends, SEMCOG reports. There will be a significant increase in alone or together as singles in all age groups, the planning agency said.

But Dr. Borosage says that the public is not yet really aware of the effect of the energy crunch. "Or that abundant energy affords us the space we so cherish."

She feels the future, 25 years hence, will in some ways resemble our recent past — people will live closer together due to the gasoline shortage, and occupy smaller living spaces.

The benefits of the old-fashioned neighborhood will be rediscovered as a result, Dr. Borosage said. "We may see family networks — not necessárily who will live together for emotional support. They will share duties, experiences, services and leisure time." This is a contrast to the suburban diffusion of the 20th century America, often blamed for creating a lonely, anxietyridden society.

While the population may not grow, those already here will stay longer. Improved health care will mean a longer life expectancy and Dr. Borosage expects that when we all live to be more than 100 in the 21st century, two, three or more marriages in one lifetime will be commonplace.

No marriage can satisfy all needs, she maintains, and an educated popularelationships.

"If a relationship isn't satisfying, we'll terminate it and look elsewhere. And we will do that without stigma. Divorce will be more acceptable in the future — but it won't eliminate the heartache, of course," she said.

Perhaps by 2003 we'll all own humanoid robots, which could be programmed to love us forever. William F. Logan, co-author of "Logan's Run", says they're "just around the corner.

"They will serve the old, the ill the lonely as servants, companions, and lovers. And we won't be able to tell them from real people, which I consider a fascinating and scary prospect."

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REFLECTIONS

Joe Denton's concerned about future relationships

Living in the year 2003 certainly won't be better than today as the problems of less land for more people and galloping inflation will affect the quality of life.

That's the opinion of an old-timer whose memory goes back into another century for comparisons.

Joseph Denton, former Northville police chief who fought in the Boer War in 1904 and later roamed the West as a rough rider, also feels that the people coping with these problems in 25 years "will never be as friendly as we are today."

Joe Denton is more concerned about the relationships of people and how they will earn a living in the year 2003 than with an energy or food crisis.

"You really can't predict what the future is going to be like," he observes, "but I don't know what there's left to do. We've gone from bicycles to airplanes in my time, and we've been to the moon.'

Denton, who turned 90 this year, is a man who loves horses. As he talks about coming to Michigan in 1921 to train polo ponies on Phil Grennan's 1000-acre Farm Crest farm, he looks at the many pictures of horses in his home on Randolph in Northville and says, "I believe that if we'd kept horses we might be better off."

He goes on to explain that 50 years ago Northville, and other area communities, were "horsey, like a little western town."

These were friendly places, he remembers, where people worked hard, many on farms.

"I feel sorry for I think the days of little farms are gone. Hay and feed are costly and I don't believe they'll (young people) come back to do farm work."

Instead of individual farmers in the year 2003 Denton thinks we'll have big cooperatives feeding the population.

"In the old days," he recalled, "you worked on farms in the summer and were paid, but to get through the winter you worked in lumber camps.

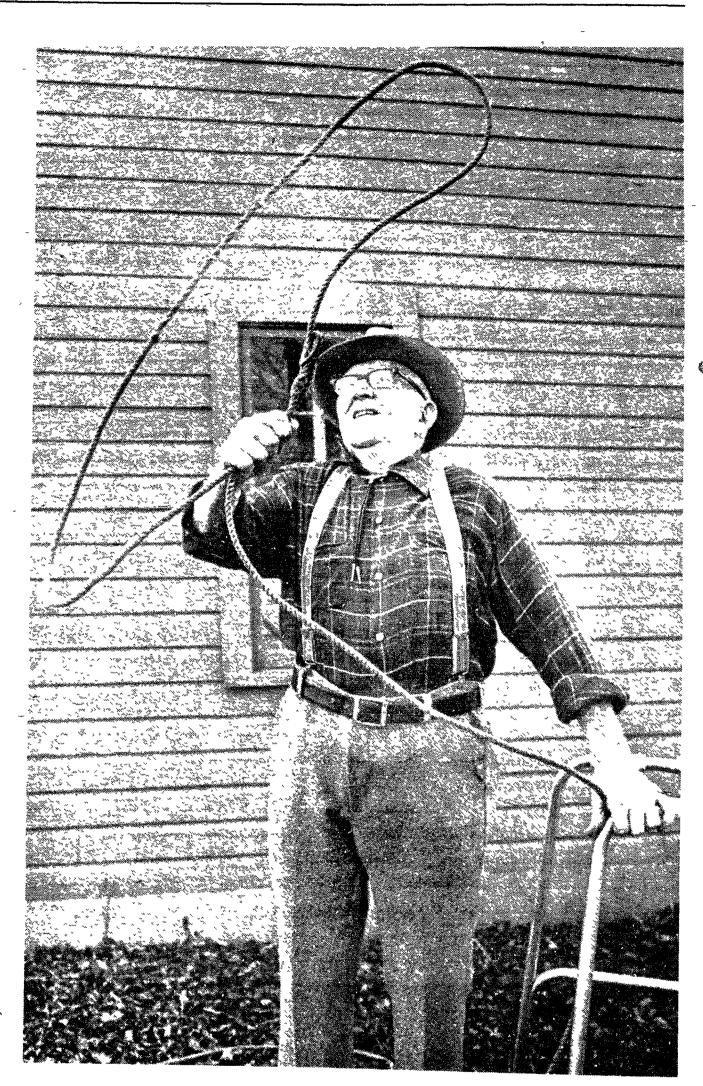
"I remember cutting telephone poles and railroad ties in Winnipeg. We'd load as many as 60 poles on sleighs. You worked for one or two dollars a day and had to buy supplies at the company store, and when you settled up in spring you found you had hardly anything."

In the days when Denton met Buffalo Bill Cody while working in the west, cowboys were offered \$30 a month "and all you had to do was herd sheep."

He knows that people today and tomorrow will not work for such wages or under such conditions, but feels that jobs will be a problem. Farm combines, he predicts, will use big feeding stations with animals being fed by

machinery, as, "they won't be able to afford the wages." "If there's going to be a good future," Denton says thoughtfully, "there will have to be expanding borders of communities to accommodate more people."

But he's concerned that growth will mean "less friendly" places.



He sees a trend toward a different kind of family life under way already. There are many more working mothers than in his past.

"I still think if you have a child, that child needs the time of his mother. He's got to be trained the same as a horse.

"I'd like to see things different. I know mothers are and will be working for money as prices are terrific. Perhaps there could be some assistance for mothers to let them stay home."

Children, he concedes, are his main concern, for they will always need attention "and the right kind of bringing up."

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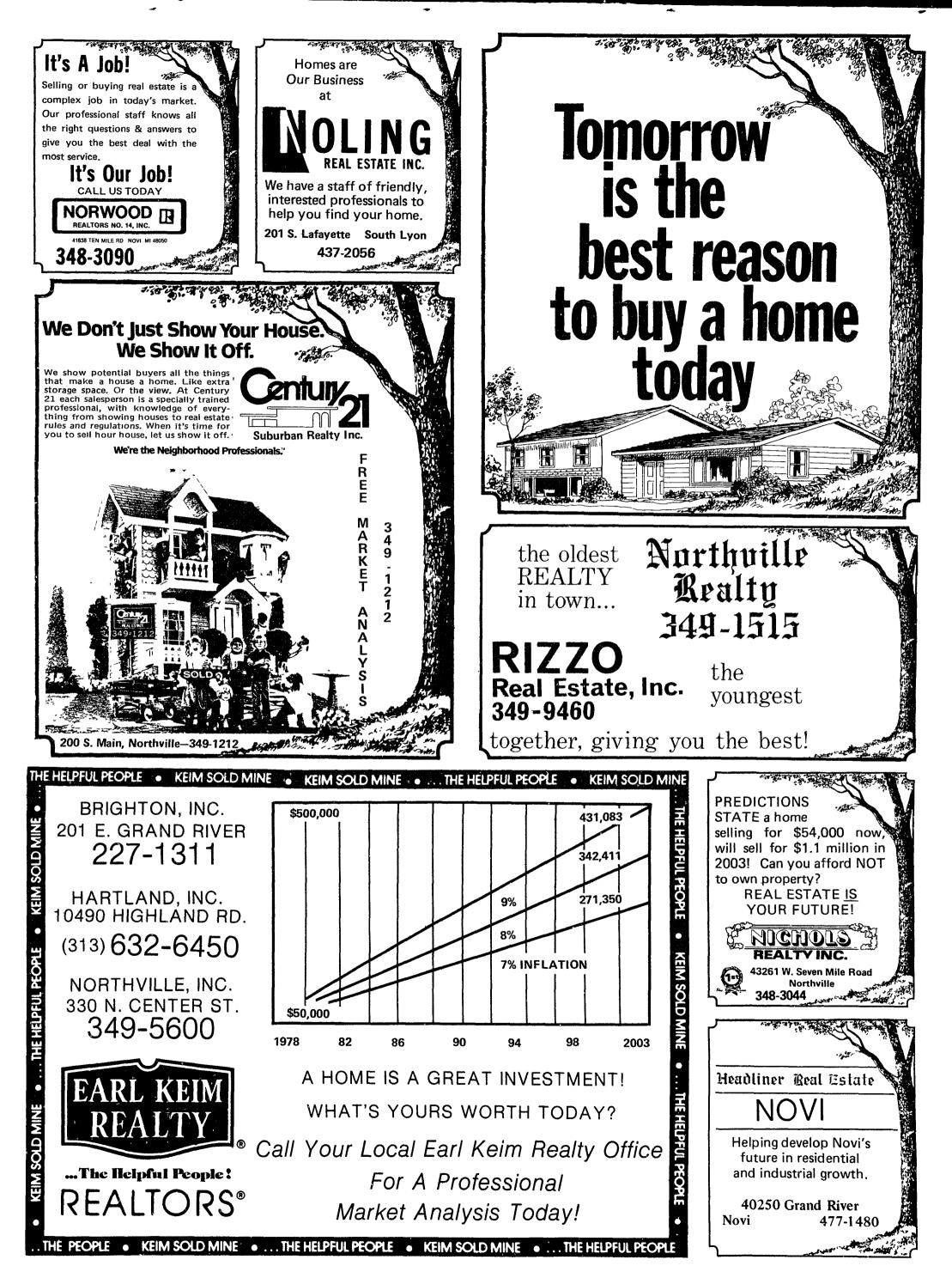
As he talks about the days 25 years ago when a police chief would buy a youngster an ice cream cone after talking with him, Denton makes his point. He's afraid friendliness, along with horses, is disappearing. And that's not better.

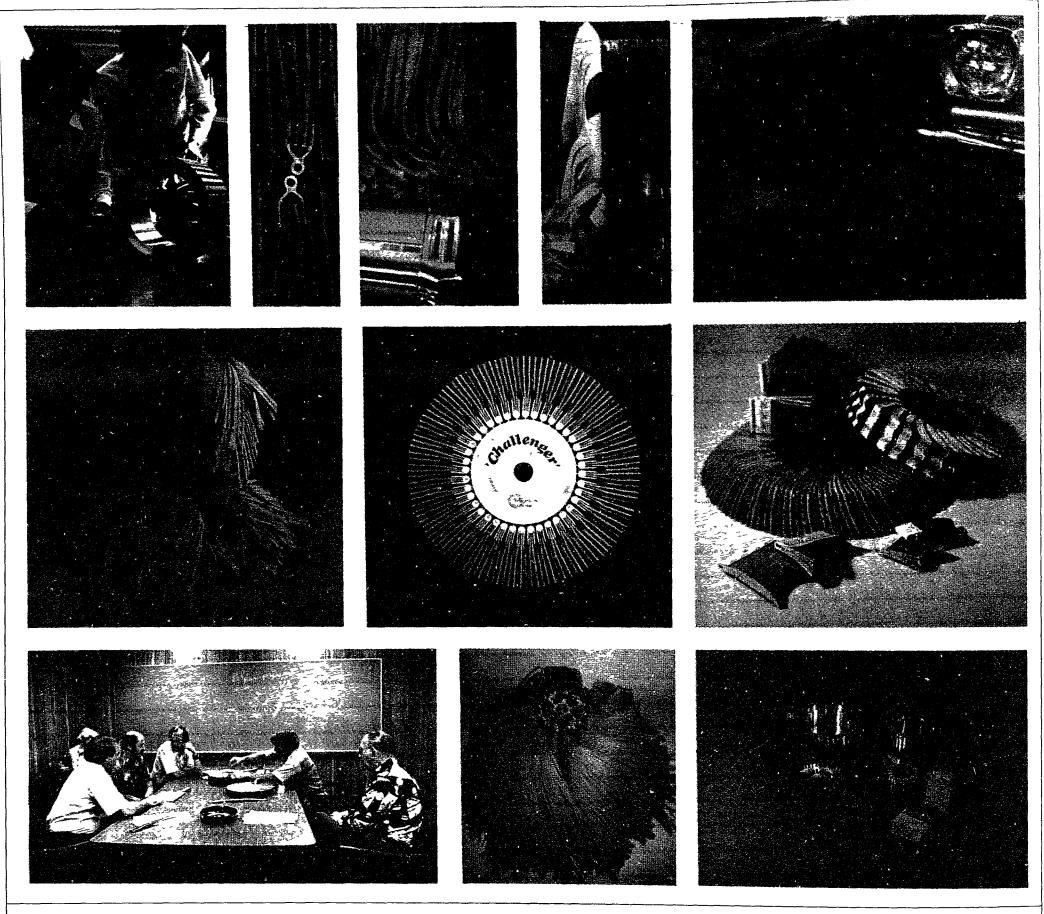
FORECAST: Will tomorrow

be better?

By Jean Day

46-SLIGER HOME NEWSPAPERS-Wednesday, May 10, 1978





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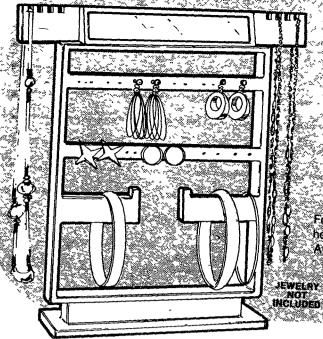






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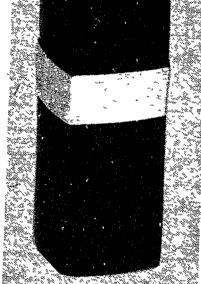
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MILPITAS, Cal.--For seven days 58-yearold Leora Reas was a prisoner in her home.

Mrs. Reas, who lives alone, suffered a stroke, paralyzing the left side of her body. She fell to the floor, lapsing in and out of consciousness for several days.

"It took a day and half to crawl to the kitchen," she later said from her hospi-

tal bed.

When finally able to pry open the refrigerator door, Mrs. Reas discovered that an open can of peaches, a basket of strawberries and a pan used to catch melting ice from the freezer was all she could reach.

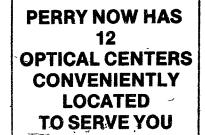
Although she could often hear voices outside, her paralyzed jaw prevented

her from calling for help.

Her son, a Los Angeles radiologist, asked authorities to investigate when his phone calls were unanswered.

While later describing her ordeal, Mrs. Reas said, "It could happen to anybody. But I can't understand why my neighbors did not come to help."

Have You Heard About...



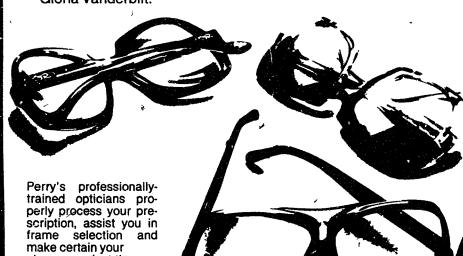
SENIOR CITIZENS SAVE 10% More on Prescriptions, Convalescent Needs, Prescription Glasses... all Perry Label Products

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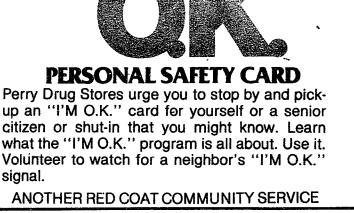
With every optical prescription filled...with every duplication of your current lens. You can select ANY, FRAME you want and you won't pay more than \$19.95 for your frames. Choose from our extensive collection of over 500 styles including designer frames by Christian Dior, John Weitz, Givenchy, Oscar de la Renta, Elizabeth Arden, Eye Mystique, and Gloria Vanderbilt.

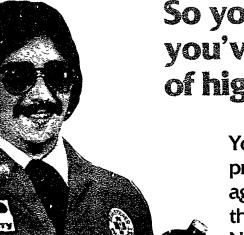


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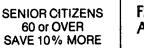
So you think you've been cured of high blood pressure

You feel OK. . .your blood pressure reading is normal again. Can you stop taking the high blood pressure pills? No! Most high blood pressure can be controlled but not cured. If you stop the pills, your blood pressure will go up again. Take your medication. Keep your blood pressure down and under control.

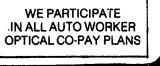
optical offer.



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 Mt. Clemens, Groesbeck Hwy. at 16 Mile
 Pontiac, Perry St. at Walton Blvd.
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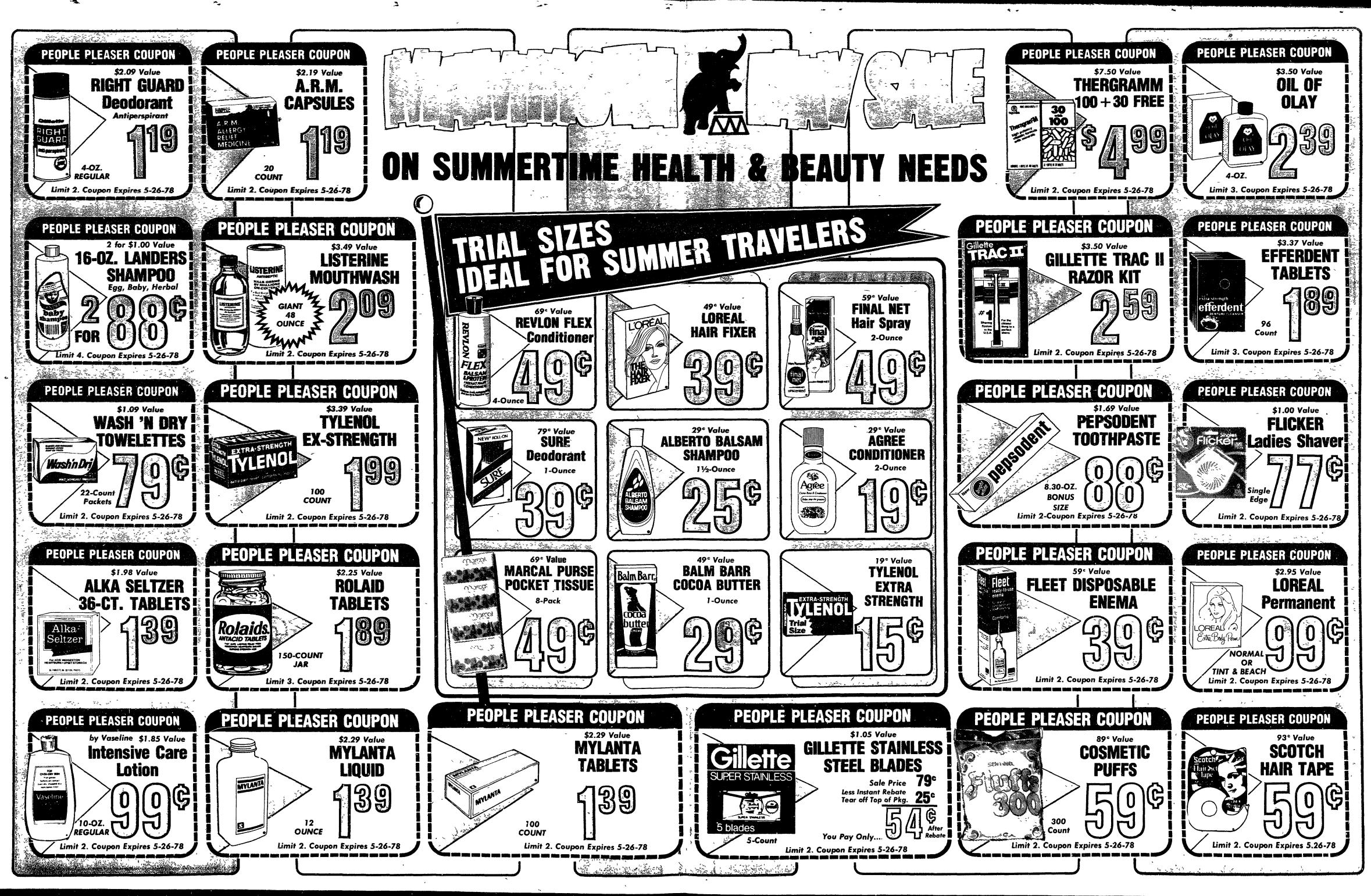




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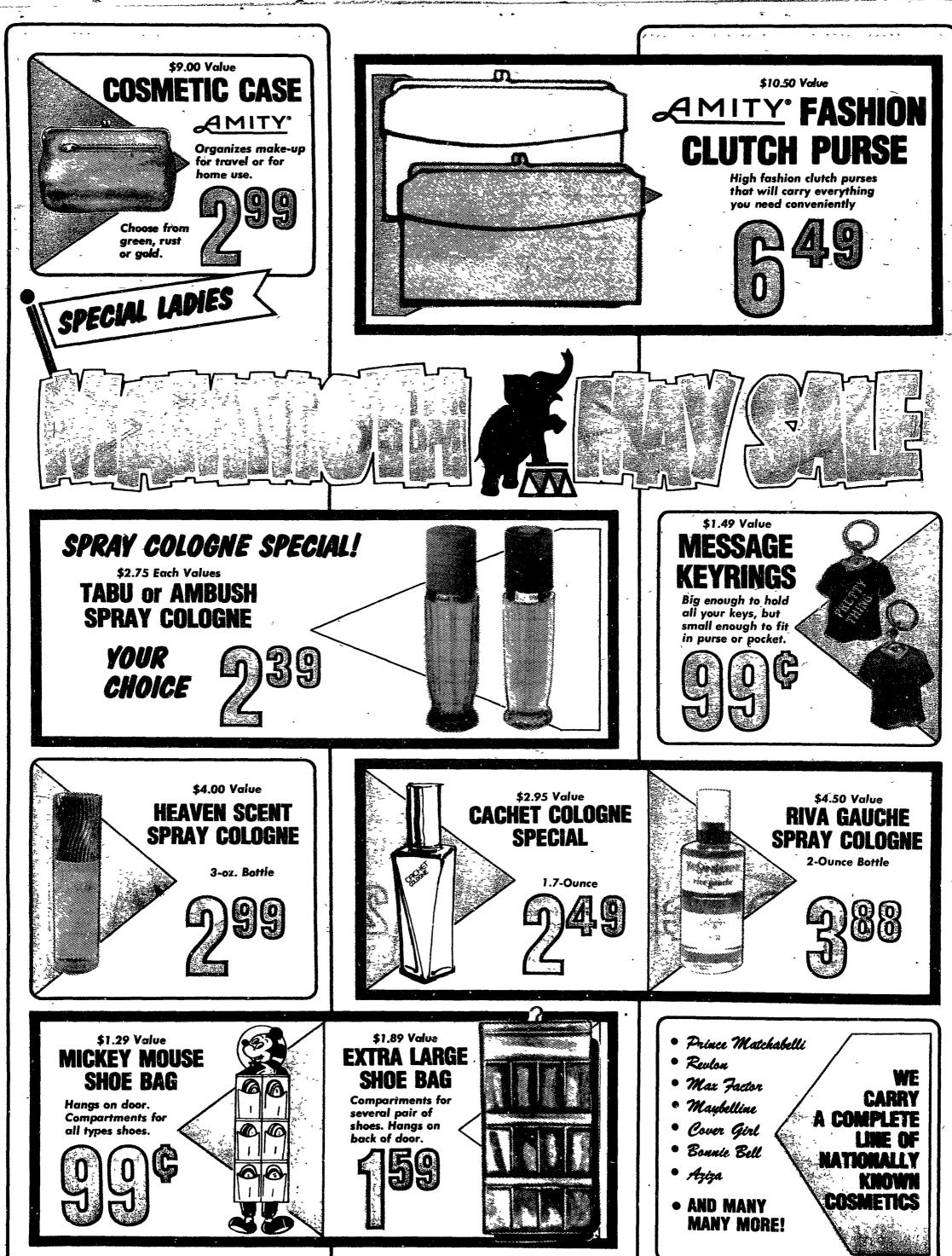








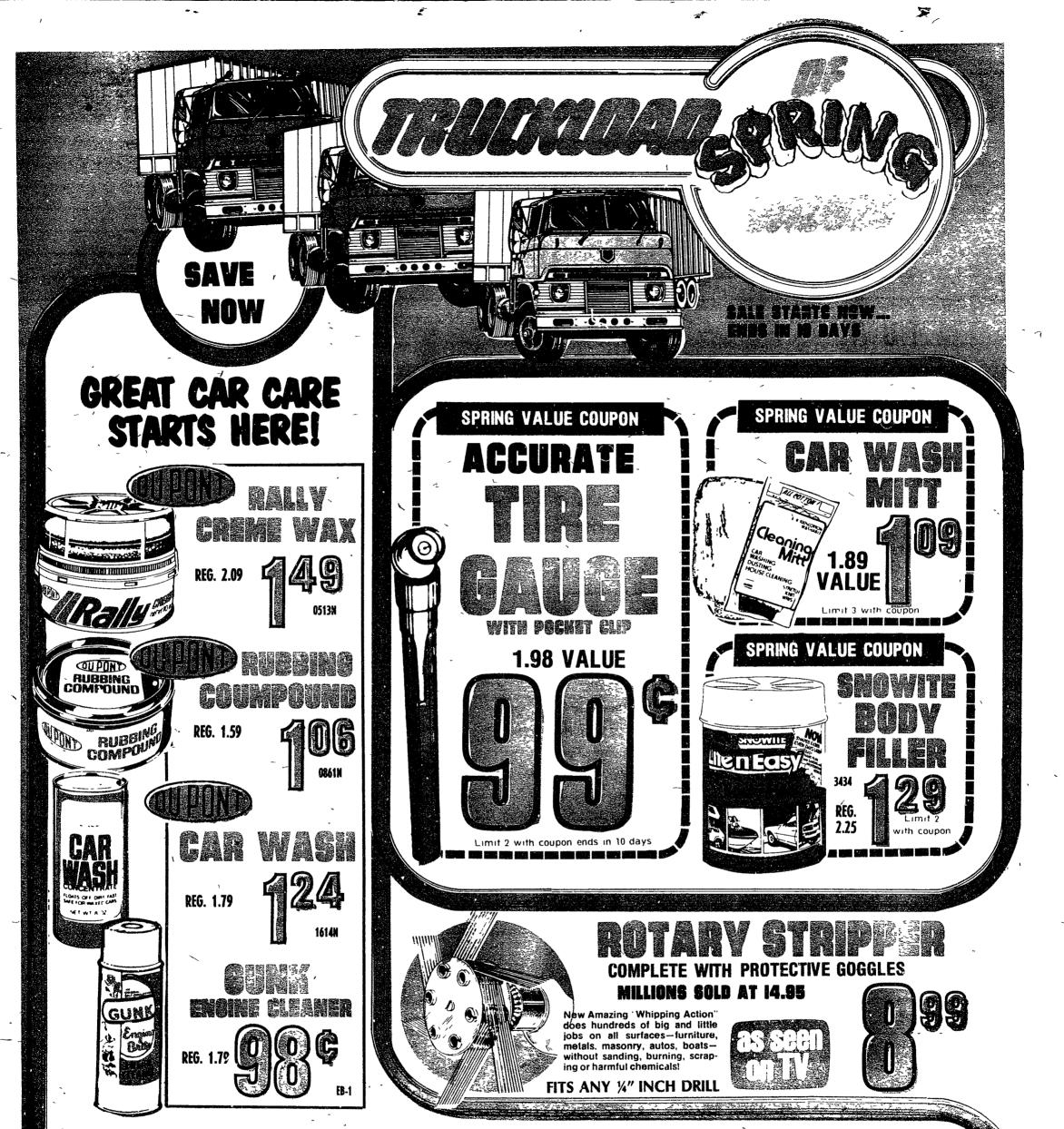




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