

Technician

North Carolina State University's Student Newspaper Since 1920

Volume LXII, Number 4

Friday, September 4, 1981 Raleigh, North Carolina

Phone 737-2411, -2412



Handicapped actors play out parts in *Detours*, a work dealing with the problems, aspirations and quality of life of the handicapped. The play is part of a three-day conference held at McKimmon Center featuring technological innovations dealing with the handicapped.

Staff photo by Simon Griffiths

Handicapped conference displays helpful devices

by Cyndi Allison
Staff Writer

The McKimmon Center has been a flurry of activity this past week. The Exposition of Technology for the Handicapped has featured displays, films, lectures and a play promoting the employment of the handicapped.

The conference, "was intended to demonstrate to employers, educators, health and human service professionals, and handicapped people how new advanced technology can be used to expand the employment potential of persons with disabilities."

About three-hundred interested persons from across the state attended including representatives from handicapped organizations, State and Chapel Hill students, and students from the Morehead School for the Blind.

The conference was sponsored by the Center for Urban Affairs and Community Services at State. The function was funded by a contract from the Governor's Special Grants, and supported by the Special Projects Com-

mittee of the N.C. Employment and Training Council.

Various companies across the state exhibited new devices that enable handicapped citizens to live a more comfortable life. There were approximately twenty-five exhibits.

Keane Monroe Corporation, of Monroe, N.C., displayed light-duty door operators which can be plugged into electrical outlets to automatically open doors. Buttons, touch control squares and cords can be used to open doors which close automatically in intervals of up to one-and-a-half minutes.

A reading machine for the blind was exhibited by Kurzweil Computer Products, Inc. The machine converts written words into oral presentations. Stevie Wonder is one person who has made use of this new invention. Hopefully the reading machine will be beneficial to State students with vision impairments in the near future.

Other displays included a van with an elevator to enable wheel chairs to be easily loaded for travel. The phone company showed new devices to allow

people with impaired co-ordination and amputated limbs to take advantage of the telephone system. Artificial limbs in light-weight plastics were also on display. Electrical impulses activated by mental messages are installed in some of the artificial limbs to enable more freedom of movement.

A special presentation of the play *Detours* by Rebecca Ranson was performed Thursday night. The play featured handicapped actors "in a work dealing with the problems, aspirations, and quality of life of the handicapped in our society."

The Exposition of Technology for the Handicapped will be finishing up today. From 8:30 a.m.-12 p.m. programs on bio-medical technology, computer aids for the handicapped, and mobility and transportation will be conducted. Dr. John Leslie will wind up the conference with a talk on "Technology and the Employment of the Handicapped." Interested students from State are urged to attend these seminars and to visit the displays.

Parking grace period to end soon, offenders to risk tickets, towing

by Gina Blackwood
Staff Writer

Editor's note: This is the first part of a series of articles dealing with parking on and off campus.

Students who think they are safe because their illegally parked vehicle has not been ticketed or towed may be wrong. Students have been given a grace period to get moved in but that will end Tuesday Sept. 8.

Students' cars parked in spaces other than Faculty and Staff are safe until the end of the grace period. Cars illegally parked in Faculty and Staff are subject to getting ticketed or towed.

Vehicles parked in no parking zones, life safety areas, on grass or in any reserved space will be ticketed and can be towed. Fire lanes, Residence Directors' spaces and Student Government spaces are 24-hour tow zones.

Beginning Sept. 8 everyone parking illegally is subject to a parking violation and repeat offenders will be promptly towed.

Vehicles will be towed by either Medlin Gulf or Reeves Wrecker Ser-

vice, both of which charge \$20 for this service. Students must pay before they can get their mode of transportation back.

A representative from Reeves said they tow around 10 cars a day normally but it does vary. Towing from campus started yesterday for them.

"I realize we are not well thought of on campus," he said, "but, for people over 65 we tow free. The money we make from the campus is applied toward this."

Student permits are sold at the beginning of the fall semester to qualified students. A small number of spaces will be available later and will be sold at other announced dates. Freshmen living on campus may not purchase parking stickers.

Students living within a one-mile radius of the campus will not be eligible to purchase permits. More information about ineligible areas is available from the Traffic Records Office.

Visitors are allowed to park on campus if temporary permits are obtained in advance. These permits are available at the Information Booth located between Brooks Hall and the Alumni building.

Parking is allowed without a permit

in any marked space from 5 p.m. to 7 a.m. through the week and all day Saturdays and Sundays.

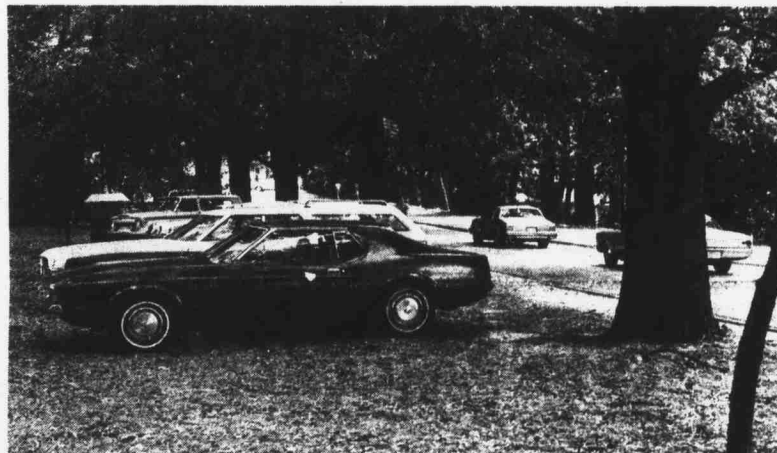
Fifteen minute service permits are available for loading and service areas. These too may be obtained at the Information Booth.

Automobiles which break down and cannot be moved should be reported to the Transportation Office or to Public Safety. These vehicles are subject to being towed if they are not reported, even if a note is left explaining the situation.

Penalties for violations of traffic and parking regulations are a \$2 charge for first-time violators and \$5 for each additional violation. The fine for using a falsified or unauthorized permit is \$25.

Tickets may be appealed but this must take place within 10 working days of the date on the notice. Violators who fail to pay for or appeal their violation within this 10-day period are subject to an additional \$2 late fee.

To avoid violations students should obtain their parking permits before Sept. 8 or rent one of the many available off-campus parking spaces.



Staff photo by Sam Adams

Cars line the streets at State, on and off the asphalt, during the first couple weeks of classes because of a grace period. After Sept. 8 illegally parked cars will be subject to towing.

Wolfline offers students fair alternative

by Karen Freitas
Staff Writer

Many students this year who live within the one-mile radius of State's campus will be turning to transportation alternatives other than their automobiles. The Wolfline, State's special transit service, is one such alternative.

Wolfline is a special transit service that aids State students, faculty, and staff in getting to, from and around State. It is sponsored by the NCSU Transportation Division and the City of Raleigh, Capital Area Transit.

The Wolfline buses can be recognized as CAT buses with special "Wolfline" panels attached to their sides. They serve the campus with two routes, the Fraternity Court/Avent Ferry route and the King Village/Fringe Areas route.

Wolfline begins its service at the beginning of the Fall semester and ends the last day of the Spring semester. It operates Monday through

Friday from 7:25 a.m. to 5:30 p.m.

There is no Saturday or Sunday service or service on the following holidays: Labor Day, Thanksgiving, Friday following Thanksgiving and Easter Monday. Wolfline also does not operate during the following State student holidays: fall semester break, between semesters and spring semester break.

The Wolfline board fare for one way is 40 cents with exact change only. Discount tickets may be purchased for 30 cents at the Traffic Records Office, Rm. 100 Reynolds Coliseum or at the Student Center Business Office. A student I.D. is required to purchase discount tickets.

Senior Citizens and the handicapped may also ride for a cost of 15 cents. Medicare cards must be shown to the driver when elderly are paying fare. Handicapped may obtain a card by calling 833-5701. Senior citizens and handicapped must pay full fare,

however, between 7:30 a.m. and 9 a.m., and 4:30 p.m. and 5:30 p.m.

A semester pass may be purchased for \$25 at the Traffic Records Office to save students the hassle of correct change or purchasing tickets whenever riding any of the wolfline buses. An I.D. is required for purchasing a semester pass also.



Students enter a Wolfline bus, State's special transit service which gives students who live near campus an opportunity to rest their legs. A semester pass can be obtained for \$25.

\$3 million facility to house athletic equipment, staff

by Susan E. Willard
Staff Writer

Construction of the Weisiger-Brown General Athletics Facility is scheduled to be completed by February 1982. Built at a cost of \$3 million, the building will house the football, track and wrestling coaching staffs, according to Ed Seaman of the sports information office.

Equipment and locker rooms, training areas, a weight room and meeting rooms will be features of the facility. "There will be other things but basically that's my understanding," Seaman said.

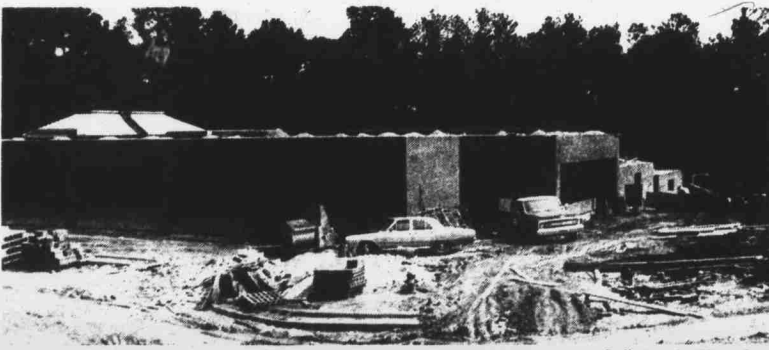
The facility, financed by the Wolfpack Club, will free space in

Reynolds Coliseum for women athletes who will move into the space now occupied by men athletes.

Edwin Harris, director of campus planning and construction, said, "The architects are doing preliminary work now on the space in the coliseum to be renovated. We hope construction can start around the first of the year."

Located adjacent to the Paul H. Derr track and the football practice field, the facility is in the center of State's cross-country track off Western Boulevard. Wooded space and some paths for running remain but construction of a new cross-country track is questionable.

(See "Athletics" Page 10)



Construction of the Weisiger-Brown General Athletics Facility will continue through the semester. The facility is scheduled to be completed by February 1982.

Staff photo by Wayne Beyer

inside

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— Freshman Vince Evans — 200 lbs of football instinct. Page 4.

— David Bowie — a legend told in album size paperback. Page 5.

— For a look at the probable football starting lineup, see Page 5.

— State scientist develops non-refrigerated ice cream. See page 10.

weather

Today — daytime highs soar to the mid 80s under variably cloudy skies with scattered showers possible. Weekend — game conditions warm and muggy with the rest of the holiday weekend under partly cloudy skies with highs in the 80s and lows near 70. Continuing chance of scattered afternoon showers. (Forecast provided by student meteorologists Joel Cline, James Merrell and Allan Van Meter.)

Technician Opinion

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activity, and in fact the very life of the campus, is registered. It is the mouthpiece through which the students themselves talk. College life without its journal is blank.

the Technician, vol. 1, no. 1, February 1, 1920

Give us back the old

Last year, in its haste to fix one problem, the Senate Athletics Committee created an even bigger problem. There were some instances of student misconduct during fall's football ticket distribution. The Senate Athletics Committee reacted by changing distribution procedures.

Obviously it overreacted. Instead of lines being allowed to form 24 hours in advance as was the previous practice, lines now cannot form until 6 a.m. on the first day of distribution. Previously, first-day ticket distribution started at 6 a.m. This year first-day distribution starts at 9 a.m.

While the new policy didn't cause a problem with the ticket distribution for the Richmond game, ticket distribution on Oct. 13 — for the Carolina game — will be disastrous unless changes are made. Lines will inevitably form before 6 a.m. on the first day of distribution. In fact, last year, lines formed before 6 a.m. the day before distribution was to start.

And at ticket distribution for the Carolina game last year — even with distribution starting at 6 a.m. — some students missed 7:50 classes because they were still waiting in line. With the changed policies this year, 7:50s are not the only classes that will be missed.

The individual student will have to

decide whether getting tickets to the Carolina game is worth missing a number of classes; but, knowing that many students will decide that it is, those who are in charge of forming distribution policies should devise those policies so that they present the least potential conflict with academic responsibilities.

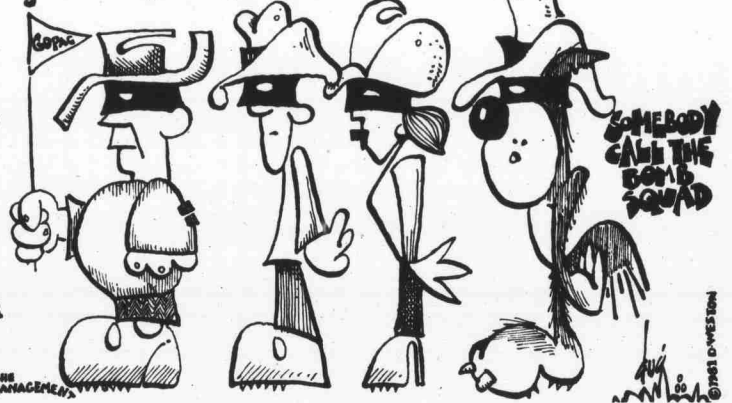
Student Senate President Jim Yocum has said that he wants to change the system before ticket distribution for the East Carolina game. One of his ideas to alleviate problems with student misconduct is to hire a student patrol officer to patrol the coliseum grounds while students camp out. There should be no need for such patrolling, but if misconduct is the reason for the changes in the distribution policies, then we advocate the use of officers so that the old policies can be reinstituted.

Another idea to smooth out distribution would be to hire more people to give out tickets the first morning of distribution. This would allow the lines to move faster and perhaps students would be able to get tickets without missing classes.

At least one Student Government official realizes that problems exist with the current distribution policies. We hope Yocum will be able to do something about them.

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THE NEW
TICKET PICKUP
POLICY IS SO
INFINITELY
INSANE
THAT I CAN'T
EVEN MAKE
MUCH SENSE
OUT OF THIS
HORROR
OF A
CARTOON
ABOUT IT.



Conservative Thought

Phase three: will the free rides be tabled?

The battle over the Reagan administration's plan to reduce federal spending is now entering the third phase as the opening of the next session of Congress approaches. Phase one took place during the campaign, with promi-

Matt Maggio

nent liberals such as Ted Kennedy attempting to "prove" how the Reagan budget proposal would be a disaster. This failed to convince either Congress or the public, partially

because of the errors and distortions in Kennedy's "examples" of truly needy people whom he claimed would suffer. Phase two occurred during the budget's passage through Congress.

The first signs of this resistance are now appearing as congressmen at home try to prepare for the 1982 elections. Liberals are criticizing the administration plan to require further budget cutbacks in many areas, including education, Social Security and welfare. Their basic message is that the recipients of government aid are entitled to it.

In this discussion, one must separate Social Security from the other programs affected. The retirement program of Social Security is a pension plan, not a welfare benefit. The ex-worker is entitled to his benefits, which he paid for — but the administration will likely ask Congress to end the non-pension aspects of Social Security, such as minimum benefits (a welfare program), benefits to widows under 62 and benefits for college students.

The other programs in which further cuts will likely be requested by the administration are what have been called "entitlement programs" or "transfer payments." (The former name is inappropriate since the Constitution contains no references to a "right" to AFDC, food stamps or free college education.)

Many, perhaps most, of these programs are in areas that are not legitimate responsibilities of the federal government. The legitimate realm of a federal government is national defense, interstate law enforcement, customs, immigration, and services such as weather forecasting and air traffic control that cannot be managed by local or state governments. These services, unlike "entitlements," benefit every citizen.

Conservatives believe that those who are mentally or physically unable to work should receive benefits allowing them to live with dignity — which Ronald Reagan, as governor, provided in California — and that victims of chronic unemployment should participate in "workfare" programs, such as the one used in Bordentown, N.J. The latter program both reduced welfare rolls significantly and resulted in many recipients finding work in regular civil service jobs or private industry.

The most significant aspect of the "Reagan Revolution" is that, if approved by Congress, the middle-class taxpayer will be able to benefit from a larger share of the federal budget supported by his taxes than he was able to before. Previously, the more one earned, the more taxes he paid — for the "opportunity" of being able to benefit from fewer programs.

Although this will still be the case — since the productive should not benefit from welfare — the incentive to be productive and earn more will increase, and the incentive to be unproductive will decrease. This undercutting of their constituency is what frightens liberal opponents of the Reagan revolution.

Matt Maggio is a staff columnist for the Technician.

American Journal

Beatlemania II honors carefree, lovable bunch of boys

As I write this, the radio is playing a medley of old Beatles' songs — hits again — nearly 20 years after they were first released. The station, one of San Francisco's most popular, programmed an entire weekend of Beatles' records a month ago and got 2,000 fan let-

David Armstrong

ters. As a result the station is kicking off another all-Beatles weekend today. I've heard of other occurrences — plays about the Beatles, fan conventions — across the country.

We seem to be witnessing the second coming of Beatlemania — a groundswell that is all

the more fascinating for the fact that John Lennon, the group's catalyst, is dead. His accused killer was sentenced to prison even as the Beatles' records were resurrected on the charts. What is to be made of this? Is it mass necrophilia? A cash-and-carry conspiracy by the merchants of pop culture?

My reading of Beatlemania II is that, while it does include elements of necrophilia and greed, there is something else besides. I think it represents the latest manifestation of an intense longing for innocence and simplicity that has so far characterized the 1980s.

Frightened of the future, numbed by the present, Americans are turning to an idealized version of the past. One example of this nostalgia is the election of Ronald Reagan, the make-believe cowboy who is going to clean

up the town and lock down the bank. Another is the renewed popularity of the Beatles — two developments that seem on the surface to have nothing in common.

The thing that makes Beatlemania II nostalgia and not history is how harmless it makes the Beatles appear to be. Just lovable mop-tops crooning tuneful love songs and exuberant rock and roll, that's our lads. In truth, the Beatles, as culture heroes and musical politicians, were much more complex. There was always an ambivalence in their sweetness, a satiric bite behind their smiles.

From the beginning, the group showed a cheeky disregard for the establishment acquired in the working-class slums of Liverpool — slums that have recently exploded in rage. As psychedelic shamans, the Beatles assailed the underpinnings of competitive capitalist culture with an idealistic spiritual vision. Because the band was itself enmeshed in the star-making machinery, however, and because its romanticism could not be institutionalized concretely, that idealism foundered on the shoals of social reality.

Later, largely rejecting the blue-sky philosophizing of the early Beatles, Lennon marched, with Yoko Ono, to the battlefields of politics. The couple recorded a naive but deeply-felt album of political songs titled *Some Time in New York City* and lent their names to a variety of causes. My own very limited contact with them came in this phase of their lives.

It was in 1971 and I was covering a dispute between the State of New York and the Onondaga Indian nation for a Syracuse week-

ly. I got a call one morning from an Onondaga chief, telling me to hurry out to the reservation. "The Beatles are coming," he said.

I hurried out and arrived just in time to see Lennon and Ono sweep up in a Cadillac limousine even larger than the one state officials had driven the day before. The Lenons were dressed in late hippie garb. Their chauffeur, a man in his 50s, wore a regulation jacket and tie.

The couple popped out of their limo, distributed T-shirts and copies of Yoko's book *Grapefruit* to the assembled gawkers, gave a press conference endorsing the Indians' position and raced back to their hotel. The Onondagas, who eventually won the dispute, seemed pleased that Lennon and Ono had come, if a bit dazed by the media circus that careened around them.

While Lennon and Ono's activism was limited, it was genuine. John Lennon, first with the Beatles and later with Ono, wanted to change the world. He immersed himself in the great, convulsive issues of our time, singing out for what he believed was right. It was this depth of involvement, as much as his musical gifts, that shaped the Beatles' music and made it vital.

That edges-and-elbows political context is missing from the current Beatles revival. We hear the Beatles' music today mainly as dreamy, escapist entertainment. Originally it was more than that — satiric, visionary, occasionally subversive of that status quo. In history, as opposed to fantasy, the Beatles were about waking up, not nodding off.

'forum' policy

The Technician welcomes forum letters. They are likely to be printed if they:

- deal with significant issues, breaking news or public interest,
- are typed or printed legibly and double-spaced,
- are limited to 350 words, and
- are signed with writer's address, phone number and, if writer is a student, his classification and curriculum.

The Technician reserves the right not to publish any letter which does not comply with the above rules or which is deemed inappropriate for printing by the editor-in-chief.

Letters are subject to editing for style, brevity and taste. In no case will the writer be informed beforehand that his letter has been edited for printing.

The Technician will withhold an author's name only if failure to do so would result in a clear and present danger to the writer. Rare exceptions to this policy will be made at the discretion of the editor-in-chief.

All letters submitted become the property of the Technician and will not be returned to the author. Letters should be brought by Student Center suite 3120 or mailed to Technician, Letters to the Editor, P.O. Box 5698 College St. Station, Raleigh, N.C. 27650.



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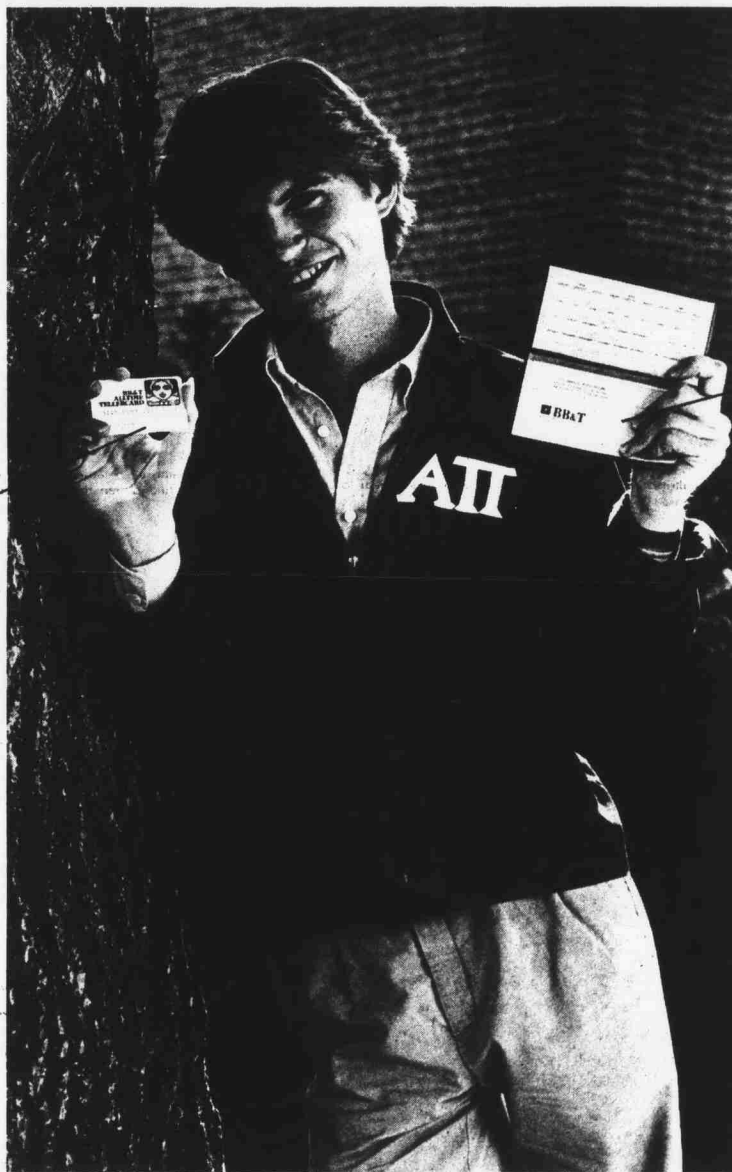
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Giant pizza lets West Campus sink teeth in project



Staff photo by Clayton Brinkley
Cooks and consumers alike gaze at the world's longest pizza which measured in at 108 feet 6 inches long.

by E.J. Walters
Features Writer

The competitive dormitories of West Campus decided to end rivalries Wednesday night for something they could all agree on. That something was pizza.

No ordinary pizza

Not just an ordinary pizza but one that was 108 feet 6 inches long. It sounded like a major pig-out; however, they figured it was for a good cause — muscular dystrophy.

In order to make a contribution to the MD Labor Day televised fund-raiser, volunteers from Lee, Bragaw and Sullivan dorms joined the directors of Food Service and donors from area companies in creating "The World's Largest Pizza."

According to "TWLP" treasurer John Landy, a senior in chemical engineering-pulp and paper technology, if the 1,000 pounds of pizza dough was spread completely, the pizza would be the world's largest. The dough was stretched and — sure enough — reached the goal,

beating the old world record by 23 feet.

Although the invited Guinness World Book officials did not show, Landy feels they can still get into the record book by documenting the event and filling out an application to Guinness for the record.

The event, which included about 30 volunteers from each dorm, was definitely a hot item since all three local television stations had live coverage. It was held in the West Campus Amphitheater with a large crowd on hand.

Outdoor pizza parlor

As you can guess, the ovens of this outdoor pizza parlor were not like the ovens Domino's uses. This parlor was in cook-out fashion. Using a charcoal fire, the pizza was spread on aluminum-covered steel sheets that were held above the coals by cement blocks. In order for the pizza to cook thoroughly, tents of aluminum were placed over it.

As the master pizza chefs pat-spread the dough, they were prone to laughter and sarcasm.

"Oh, if my mama knew what I was doing at college!"

one cook shouted. "The world's thinnest and thickest pizza!" Landy proclaimed.

Next came the tomato sauce — 60 gallons of it. Then pepperoni and 600 pounds of mozzarella cheese.

At 5:52 p.m. the cooks thought they only had 10 minutes to wait for their pizza to cook. But pizzas can be temperamental and they had to wait until 7:00 p.m. to unveil their masterpiece.

Although these cooks were trained just the day before the event, the pizza looked like a success. Excitement abounded in cheers and shouts, not only for the pizza's success, but also for the success of the fund-raiser.

Bluegrass entertainment

A ticket for the event sold for a dollar, which included a piece of the pizza, salad and soft drinks. A bluegrass band was also on hand to entertain the donors.

All of the volunteers were enthusiastic about their outdoor pizza parlor.

"I even bought a ticket to my own pizza!" cook Kenny Atkinson said.

Elizabeth Smith volunteered not just for the

fun she could expect but also because, "We're doing this for a good cause."

'Exciting thing'

"This is the most exciting thing we've had at State," Jackie Petty, program coordinator for MD fund raisers in Wake and 15 other counties, said. "There's been more information on the association than any other (fund-raiser)."

The making of this 108'6" pizza raised just under

\$2,100, making this an event worthy of the attention it got. Vice Chancellor for Student Affairs Banks Talley was in attendance and Governor Jim Hunt sent a letter of regret for not being able to attend.

However, Mayor Smedes York was present and even helped to raffle T-shirts.

If you missed the event catch the film footage that will be shown on the local Labor Day telethon. There will also be a donation check

presentation made on air by "The World's Largest Pizza" co-chairpersons Jay Fraleigh and Suzanne Hampton.

Bits and pieces

You may be wondering how good this pizza was. Well, if this is any clue, there were only bits and pieces leftover. It seems these volunteers have two things to be proud of — a successful fund-raiser and mastering the art of giant pizza making.

classifieds

Classified cost 15¢ per word with a minimum charge of \$2.25 per insertion. All ads must be prepaid. Mail check and ad to Classifieds, P.O. Box 5698 College St. Station, Raleigh, N.C. 27650. Deadline is 5 p.m. on the date of publication for the previous issue. Liability for mistakes in ad limited to refund or reprinting and must be reported to our offices within two days after first publication of ad.

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BETTER than bookstore prices at the AZ Co Op bookstore Room 2104 Student Center. Aug. 28 — Sept. 11, 8 a.m. — 4 p.m.

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PROFESSIONAL TYPING. Will do rush jobs. IBM Selectric. Call Marianne. 828-1632.

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PAMS SENIORS orientation session on How To Get A Job, Tues., Sept. 8, Dabney 221, 5:00 p.m.

NCSU PRE-VET CLUB meeting Tues., Sept. 8, 8:00 p.m., Bos. 2722.

VARSITY CHEERLEADING TRYOUTS organizational meeting Tues., Sept. 8, 7:00 p.m., Court 1, Carmichael Gym Clinic dates are Sept. 9-11, 14-15, tryouts on Sept. 16. Open to guys and girls.

ULTIMATE FRISBEE played each weekday at 6:00 p.m. and weekends at 3:00 p.m. Harris field, rain or shine.

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ZOOLOGY FRESHMEN and New Transfer Students please attend a meeting on Thursday, Sept. 3 at 4:00, 3172 Boston.

CAREER PLANNING WORKSHOP FOR ADULT STUDENTS — is designed to help adult students assess interests, skills and abilities, explore career possibilities, and acquire job hunting skills. Section I — Tuesdays and Thursdays Sept. 15, 17, 22, 24, 28 from 7:30-9 p.m. Section II — Mondays and Wednesdays Oct. 21, 26, 28, Nov. 2, 4 from 7:30-9 p.m. Contact Marco Harris at 737-2396 or Leslie Rogers at 737-3477 for further information and registration.

WOMEN who are physically abused by husbands or boyfriends can call Women's Aid 24-hours a day for support and assistance. If you or someone you know needs help please call 832-4769.

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The band's schedule runs like Clockwork

by Ray Barrows
Entertainment Editor

It's long, narrow and steeply uphill. It's filled with potholes, detours and wrong turns. People will always stop your path and accidents are common. No, it's not Dan Allen Drive, it's called the musical road. It's a frayed term that every musician talks about for all travel it but few ever reach the end. Everyone knows that from the start traveling the musical trail means a total sacrifice. For Clockwork, a regional touring band "sacrifice" is all too common a term.

Clockwork has been on the road on and off for seven years now. The group got its start in 1974 when Mike Bowers recruited his wife, Jolen, as a lead singer for a band he was playing with at the time. They joined up with Tim Sink, who had just come out of the army, and formed the initial band.

After seven years on the road Clockwork plays an average of 150 clubs and halls a year putting on some 200 performances annually. They are a working band, cranking out the songs night after night. Wednesday night caught them at the Tau Kappa Epsilon fraternity house. Between sets the three founders of the group talked about all the time spent on the road.

A top 40 band

"We're basically a top 40 band," Bowers said. "It's been the same since the beginning. Now it's to the point where we just have to do 8 or 10 songs at rehearsals because we perform so much."

Clockwork opened its show Wednesday night with Loverboy's "The Kid is Hot Tonight." It is in essence a stage group. Mike Bowers plays guitar, Jolen Bowers handles vocals, Tim Sink is on keyboards, Jeff Lamb plays bass and Rick Carter is on percussion. They play their music tight and professionally. The songs sound so close to originals that telling the difference can become difficult, but for the band the expertise just comes with the job.

"After 14 years on the road you know how to copy a record," Bowers explained. "It becomes easy...It's just like reading a book."

The business of being in a small band begins to sound tedious and monotonous. For small groups the dreams have to be fought for. There are a thousand bands ready to grab at that next break, so the trick is to get prepared, no matter what the time expenditure entails.

To try to break out, Clockwork is recording their first, self-produced album. For the band, work has become a TOTAL commitment.

"The management company sends us our schedule about two months in advance," Bowers said. "We play on the average 22 dates a month. I'm trying to

Staff photos by Simon Griffiths
Husband and wife musician team Mike and Jolen Bowers have spent the last seven years on the road touring with Clockwork. Their new album, due out in December, may help to limit the constant touring.



plan the recording and mixing around the mere eight days we have off."

Jolen Bowers added, "What it all means is that we give up all of our personal time. The band is everything."

The one thing that has helped Clockwork out on such a tight schedule is that with 200 dates a year the band is constantly playing together so the time in the studio has been kept to a minimum. Mike Bowers has done most of the writing for the project. The influences on the album are the material that Clockwork plays in concert.

"The mainstream of rock has been the main influence," said Tim Sink. "When I growing up everyone was influenced by the Beatles. Now it is such a wide variety of bands. It's tougher to try to know what people want to hear."

Band also plays original music

Clockwork plays much of its original material in concert. Mike Bowers says the originals are now perfected enough where the band can feel comfortable playing them live. Yet one of the drawbacks of being in a small band is that you have to play what the audience wants.

"Disco slowed things down a lot," Sink said. "We had to play a lot of things that we didn't want to. Now we can play rock, which we like, and people enjoy it. We can also play the original tunes."

As the band finished a set of original material, the crowd was evidently pleased. Talking with members of the crowd, everyone had nothing but praise for the band.

"I like playing colleges and especially fraternities because they are always party-ready after all the schoolwork," Mike Bowers said.

Clockwork rolled through one more set, tight and fast. Mike Bowers has been playing since he was 13 (17 years) and during his guitar solos he showed his experience off well. The whole band is nothing short of professional.

But the performance had to end, despite all the yelling and clapping coming out of the TKE house, for the lights had to be packed, the equipment loaded up, and the tired musicians had to find rest — all done on schedule. For Tau Kappa Epsilon was just another date in an endless procession of those one-nighters. The next night would hold a different town and audience. No time to waste. It all has to do with something called "sacrifice."

WKNC 88 FM

ROCK

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WKNC Labor Day Weekend Jam Friday afternoon at 3. J. Kelly kicks off the Labor Day Weekend with this special broadcast. A different rock artist will be featured each hour throughout the weekend as KNC brings you all of your favorite rock cuts from **The Who, AC/DC, Molly Hatchet, Lynyrd Skynyrd, Led Zeppelin** and much, much more. Tune in for the best rock over the three day weekend.

Tuesday Night Special — 10 p.m. KNC will feature a 30 minute mini-concert with the **Rolling Stones**.

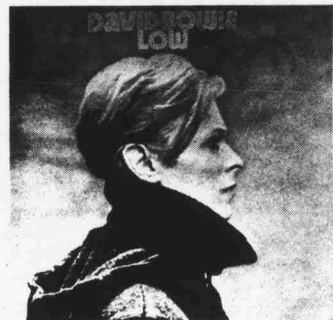
New book on David Bowie fan's dream come true

by Patty Pierce and
Jennifer Mason
Entertainment Writers

The classic legend of David Bowie as a rock-and-roll star unfolds in a new album size paperback. The authors of this well written documentary, Roy Carr and Charles Shaar Murray, leave the reader with the impression that Bowie, once he attempts it, can accomplish anything short of predicting the Second Coming.

Indeed, Bowie, whose poetry, music, acting abilities and, above all, uncompromising style, has revealed more dramatic possibilities than any other single performer. The book extensively traces the period since 1972 when Bowie grabbed the center stage, developing the correct transitional basis for progression in music which resulted in a magnetic cultural upheaval.

Carr and Murray chronologically show how Bowie chooses his musicians on the basis of what they can contribute to the artistic needs Bowie has at any given time. The combinations of their wits and non-linear work methods along with Bowie's style have created some of the most genuinely spontaneous music of the 1970's. The talents of Rick Wakeman, John Lennon, Lou Reed and Mick Ronson, just to name a few, are covered in this biography on the road



of Bowie's climb to success.

Such hits as "Changes," "Space Oddity," "Fame," and "Young American," along with his acclaimed Broadway performance in *The Elephant Man* and his cinema debut in *The Man Who Fell to Earth*, are thoroughly covered in the history of his career as a musician, concert sensation, writer, dancer and potential film director. Through his creations of

Staff photo by
Authors Roy Carr and Charles Shaar Murray take a look at the wide and fascinating world of David Bowie. Included is an extensive discography of all the Bowie recordings including *Low* (left) and *Heroes* (right). This book is the most comprehensive look at this unique superstar.



Major Tom, Ziggy Stardust, and John Merrick, the authors show how Bowie portrayed himself throughout his career.

David Bowie: The Illustrated Record features over 150 rare photographs, direct interviews and reproductions of Bowie's drawings which make this book the best close-up yet of this innovative artist. While Bowie is still turning and changing, it is only

inevitable that this performer is destined for a few lines in a "set of books," for Bowie, in the truest sense of the term, is "still alive." The sun has not set on this boy yet!

Editor's note: David Bowie: *The Illustrated Record*, an Avon Trade Paperback Original, will be on the shelves this month. The book lists for \$9.95.

Thompson Theatre to hold its annual Open House

Thompson Theatre will hold its annual Open House Thursday, Sept. 10, at the theater from 7:00 - 10:00 p.m.

Everyone is invited to drop by anytime between these hours. The Open House provides an opportunity for students to talk with the staff, to tour the theater and to find out about upcoming auditions and shows.

Refreshments will be served and "The Great Western Melodrama" will be presented for entertainment at 7:30 p.m. and again at 8:30.

"The Great Western Melodrama" is a one-act play satirizing the melodramas of the "Gay '90s." The show will tour campus for the next few weeks to introduce students to Thompson and to bring new talent into the theater.

The staff at Thompson Theatre hopes everyone will feel free to drop by Open House or will have a chance to see "The Great Western Melodrama" at one of the following performances:

Tuesday, Sept. 8	Syme	7:00	Tuesday, Sept. 15	Metcalfe	7:30
Wednesday, Sept. 9	Sullivan	7:00	Wednesday, Sept. 16	North Hall	8:30
Thursday, Sept. 10	Thompson Theatre	7:30	Wednesday, Sept. 22	Bragaw	7:00
		8:30	Wednesday, Sept. 23	Bowen	7:00
			Saturday, Sept. 26	Becton	7:00
				All University day	

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Raleigh, N.C. 27603

CHEERLEADING TRYOUTS

for the fall will begin
Tues., Sept. 8 with an organizational
meet, 7pm, Carmichael Gym, court 1.

Clinic Dates: Sept. 9, 10, 11, 14, 15
Tryouts: Sept. 16

Be a part of the nation's finest cheerleaders!

Put A Little Drama In YOUR Life

Come to THOMPSON THEATRE'S

* OPEN HOUSE *

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AMERICAN POP

Kiffin, Pack may turn trick on Spiders

Between the Lines

Stu Hall

When it comes to keeping fans in suspense State head coach Monte Kiffin certainly ranks up there with the Houdinis of the world.

He hasn't pulled any tricks like riding in as the Lone Ranger on a white horse or sparring with former heavyweight boxer Joe Frazier yet.

But after keeping loyalists teetering on their seats a year ago with a surprising 6-5 record and third-place ACC finish, Kiffin has directed all his pre-season efforts toward the field.

For his season opening act against Richmond Saturday at 7 p.m. in Carter-Finley Stadium Kiffin unveils the much talked about I formation.

It's a monumental switch from the veer, which State has run since Lou Holtz's days, and has more question marks than a book of riddles.

"You would think the fans would be excited about our new I formation," Kiffin said. "As coaches we're excited about our group of tailbacks. Not one of them has taken a snap in a varsity game, so we're excited about how they'll perform."

When the probable starting lineups were announced

Monday a pair of sophomores — John Peterson and Larmount Lawson — had been penciled in as the Wolfpack backfield combo.

"Sure, we've seen them in practice," Kiffin said. "But you never know how they'll do under game conditions. In fact, of our top six backs only one (Dwight Sullivan) has ever been in a college game."

"You better believe it's going to be exciting. I just hope our backs can find their way to the stadium."

Basically, the I-formation allows quarterback Tol Avery more time and opens many avenues of the passing attack — mainly the exploitation of split end Mike Quick's talents.

Last season, Quick amassed over half of the Wolfpack's passing yardage with 43 receptions and 632 yards. Juniors Bobby Longmire at tight end and Ken Jenkins at flanker join Quick in the starting lineup.

The line matchups are stacked heavily in the Wolfpack's favor, which in short could determine a major portion of the game.

State's offensive front outweighs Richmond's defensive line by 30 pounds on the average. On the flip side, the Wolfpack's defensive line is some eight pounds heavier than the Spiders' offensive line.

The talk of the fall camp, in addition to the I, has been how strong State's defense is. It starts five seniors and six juniors.

"We've had a very healthy fall camp," State defensive coordinator Pete Carroll said. "Hillery Honeycutt is the only one that won't start because of

injury and Louie Meadows will replace him at strong safety."

And speaking of the defensive backfield, State's just might be the finest in the ACC, if not the country.

In terms of speed and talent, this backfield resembles that of Ohio State's in 1979 when the Buckeyes had three All-Big 10 standouts. Coincidentally, Carroll was the defensive backfield coach at Ohio State that year.

As for Richmond: "They're an offensive-minded team," Carroll said. "They have two offensive guns in tailback Barry Redden, Mr. Heisman, who ran for more than a 1,000 yards last year and quarterback Steve Krainock, who's one of the finest in the East. We expect a big game from Richmond offensively."

Carroll wasn't joking when he referred to Redden as "Mr. Heisman." While on a floundering 5-6 team a year ago, Redden rushed for more than 1,000 yards in the final six games after suffering migraine headaches most of the campaign.

Most of Richmond's attack Saturday relies on the run, for Krainock should have a difficult time throwing against State's vaunted defensive backfield.

The Spider defense has many holes in its web with only four starting seniors returning, which should make the Wolfpack's debut in the I formation a rather impressive one.

STATE 27
RICHMOND 17



Richmond officials tab Barry Redden as Heisman material.

Defense fierce, offense new, as Kiffin 'eyes' opener

Sideline Insights

Terry Kelley

In recent days the word "I" has become a favorite term for State head football coach Monte Kiffin.

It's not that the colorful Wolfpack mentor has become conceited. It's just that he has changed his offensive formation.

That's right Wolfpack fans. The famous veer offense that has become so familiar to State fans over the past few years is now a thing of the past. It has been replaced by the I formation.

The Wolfpack coaching staff decided on the change after last season and State will be ready to unveil the new offense against Richmond Saturday.

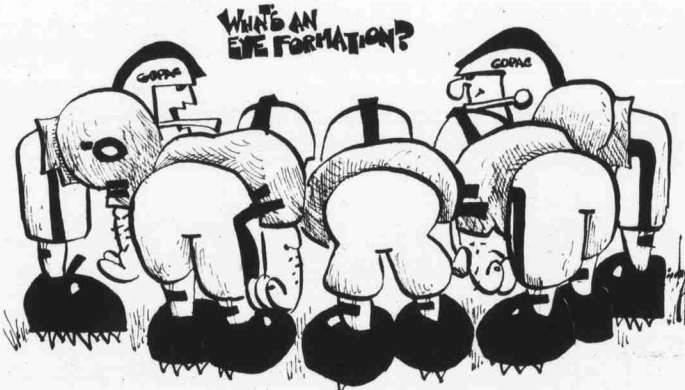
Kiffin jokingly told the advantages of the I Wednesday.

"Really the reason I like the I formation is this," he said. "In the split back when both people have their hands down and you run a dive play and that linebacker hits you, boom, you know, it's a two-yard loss. The nice thing about the I formation you can look over and there's No. 53 and you can look him right in the eye. And when he hits you for a two-yard loss it's not a big shock."

Seriously though, with the talent the Pack has at the running back positions this season, the two-yard losses should not come very often.

The main concern for the State coaches at that position is that five of the six backs who will definitely see time Saturday have never played in a varsity game. In fact, the starting tailback and the starting fullback will both be in their first varsity games for State.

The Pack, however, has talent and maturity on the offensive line led by offensive tackle Chris Koehne. "I think we're going to move the football and be consistent," State offensive coordinator Guy Ingles said. "We're kind of young in the backfield but we're pretty mature up front. I think we'll move the ball on the ground and can throw the ball, too."



In the backfield the Pack will give starting assignments to junior Tol Avery, who returns for his second year as quarterback, as well as sophomores John Peterson and Larmount Lawson at fullback and tailback respectively.

Dwight Sullivan is the Pack's leading returning rusher at the two back positions with a total of 59 yards last year as he sat out most of the year with an injury. He will back up Peterson and newcomers Joe McIntosh and Vince Evans will back up at the tailback spot. Sullivan is the only one to ever take a varsity snap.

State will return two people on offense who drew praise from *Playboy's* *Pigskin* Preview. One of these is split end Mike Quick. The sure-handed senior will begin his final year as the second-leading receiver in Wolfpack history. Quick will likely be among the first chosen in this year's NFL draft.

The other of these players is right tackle Koehne who returns for his fourth year to lead the Pack's offensive line.

"Chris is one whole of a player," offensive line coach Dick Kupec said. "I'd like to have a dozen just like him."

Joining Koehne on the line will be senior left tackle Todd Eckerson, junior guards Chuck Long and

Earnest Butler and junior center Jeff Nyce.

Joining Quick in the receiving corps will be junior Bobby Longmire at tight end and junior Ken Jenkins at flanker. Both Jenkins and Longmire are walk-ons who have earned scholarships, as has Peterson.

On defense the Pack could be fierce with a linebacking corps that ranks as one of the best in the nation.

To lead the defense that will hold the opponents down while the I-backs grind out yardage State will have all-America linebacker Robert Abraham. "Abe" is strong and quick, bench pressing around 385 pounds and running the 40-yard dash in 4.65 seconds.

Abraham, a definite pro prospect, led the Pack in tackles last year causing three fumbles and recovering three.

"Robert is a great linebacker," State linebacker coach Greg Robinson said. "He has great skills and understands the game completely. His leadership on the field is tremendous and makes him and the defense much better."

Joining Abraham at linebacker will be junior Sam Key. Abraham and Key will be backed up well with sophomores Vaughn Johnson and Andy Hendel.

Although Bubba Green will be sorely missed on defense the defensive line looks strong. On the defensive line will be seniors Ricky Etheridge and Dennis Owens on the right side with senior Al Dellaporta at the middle guard position.

The left side will be manned by juniors Doug Howard and Dann Lute. Lute, who was off the team

(See "Holidays," page 8)

'Quick'-ness important to Avery

by Devin Steele
Sports Writer

The words "Avery's pass complete to Quick," will undoubtedly be echoed constantly through Carter-Finley Stadium's thunderous loudspeakers this season, beginning with State's opener Saturday against Richmond at 7 p.m.

On the 19th occasion of that consistently recurring play, senior split end Mike Quick will become State's all-time leading pass catcher, bypassing the 102 receptions made by Don Buckley — brother of wide receiver coach Dave — from 1972-75. Quick, currently second on the all-time list with 84 catches, also needs just 310 yards to top the receiving yards list.

"But that'll take care of itself," said a confident Quick, a pre-season all-South selection by *Southern Living*, who currently owns 1,426 yards. "I mean, as long as I'm playing my best at all times, I'll be benefiting the team. The team definitely comes before my personal

goals. I'd rather win the conference championship and receive a bowl bid than achieve that milestone. It (the record) will come in time. It will accent my performance."

Quick, who is "quick," indeed, has been labeled a "can't miss" prospect by pro scouts due to his excellent eye for the ball, sure hands and great footwork for gaining extra yards after completion. His average of 17.0 yards per reception is indicative of his unlimited ability.

But the person who shares partial responsibility for his success is none other than junior quarterback Tol Avery, who begins his second season as a State starter. Avery unleashed 43 completions to Quick a year ago — two more than Quick's first two seasons combined.

At 6-2, 186, Quick has established himself as not only a big man, but also a big-play man, despite being found double-covered most of the time. As Dave Buckley



State split end Mike Quick has the opportunity to break several pass records in his senior season.

put it, "He can break a game over 80 yards in only six catches."

Last season, for instance, the Hamlet, N.C., native caught eight passes for 129 yards and one touchdown in State's 38-21 win over Duke. In two other games, he had

(See "Offense," page 7)

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Booters kick off with toughie

by Devin Steele
Sports Writer

State's soccer team steps right into the barrel Sunday at 2 p.m. on Lee Field when it kicks off the long-anticipated 1981 season with 1980 National Division II runner-up Florida International in a contest Wolfpack coach Larry Gross bills as "perhaps the toughest opener we've had in the school's history."

Florida International, a

Miami-based powerhouse of Division II ranks, compiled a 13-4 record a year ago on its way to the national finals — a game won 1-0 by Lockhaven State.

"This is probably going to be one of our toughest home games this season," fourth-year Gross, whose squad takes Labor Day off but jumps right back into home action against Davidson Tuesday at 2 p.m., said. "We're really expecting a very physical, head-to-head

game. I know of two good players on their squad who were recruited here."

State's starting team has pretty much been decided for the opener. The vibrant offensive line will consist of strikers Prince Afejuku and freshman Sam Okpodu in the wings and senior Gerry McKeon, who played in the midfield last year, at center-forward.

(See "Florida," page 8)

t.g.

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by Senta Driver

Koehne lets actions speak

by Devin Steele
Sports Writer

State offensive tackle Chris Koehne (as in Coney) isn't exactly one to be identified as an "average" football player. He falls under a more distinguished category known as a "premier" player of the conference.

But that's OK if you call him "average." Even to his face. You see, he isn't one of the big guys who walks around shoulders-up daring anyone to cross his path of destruction.

But he is big: 6-6, 268. Big, as in B-I-G.

Koehne, a senior beginning his fourth season as a starter, is a quiet, non-verbal type person who lets his actions between the guard and end speak for him. And just as his physical frame is colossal, his performance on the field is large.

To prove his immense talents as valuable, take a look at this statistic: 14 of State's 19 rushing touchdowns a year ago were scored behind his right tackle spot. And in all 11 games he earned a winning grade.

Offensive coordinator Dick Kupec commended Koehne's play and personality.

"I think the thing that sets him ahead of the other guys is his amount of experience," Kupec, a second year coach, said. "When I got here last season, he had already played a lot of games. He started every game. He's a very, very knowledgeable football player. He understands his assignments and techniques for carrying them out."

"He's a good, physical player. He knows what's expected of him. He's as good a pass protector as he is a run blocker."



Premier offensive tackle Chris Koehne, a senior, is a non-verbal leader on the football field.

Kupec then pointed out Koehne's leadership skills.

"He's not very vocal," he said, "a leader in his own right. People respect him and look up to him — not because of his vocal leadership, but because of his per-

formance on the field. He's never looked for an easy way out of practice. We kind of leaned on him near the goal line and for short yardage."

A Cincinnati, Ohio, native, Koehne — tabbed a premier

player to watch this season by *Inside Sports* — was listed as an honorable mention all-America by *Game Plan* magazine. Besides being named ACC player of the week for his outstanding blocking performance

against East Carolina last year, he was picked as all-ACC.

A vocational industrial education major, Koehne realizes his job on the football field can be very productive, even though publicity is small for an offensive lineman.

"My job at offensive tackle is one that doesn't get much credit but it is very valuable for the overall success of the team; that's where my personal satisfaction comes from," 21-year-old Koehne said. "If we don't get our job done, the backs don't get theirs done."

Coach Monte Kiffin's decision to switch from the veer to the I offense affected the offensive line only slightly.

"We just have to hold our blocks a little longer now, in order to make up for the time Tol (Avery, quarterback) needs to do his job," Koehne said.

As far as the team's success is concerned, Koehne is very optimistic.

"We've definitely got a good shot at winning the conference title," he said. "We will be the team to watch this year. We know we've got the quality-depth that coach Kiffin kept talking about last year."

"I think we also have the personnel to win the conference. The seniors are really looking for a bowl bid this year. Most of us have been there before and we know what it feels like (Tangerine Bowl, 1978). Last year was the first year in 12 that coach didn't go to a bowl and we want to win it for him this time."

That may be all the words Koehne needs to say this season. Besides, actions speak louder than words.

Probable Starting Lineups		
State	No.	
Pos.	No.	
SE	22	Mike Quick
LT	70	Todd Eckerson
LG	63	Chuck Long
C	57	Jeff Nyce
RG	68	Earnest Butler
RT	75	Chris Koehne
TE	87	Bobby Longmire
QB	12	Tol Avery
FB	32	John Peterson
TB	34	Larmount Lawson
FL	4	Ken Jenkins
LE	66	Dann Lute
LT	64	Doug Howard
MG	90	Al DellaPorta
RT	93	Dennis Owens
RE	40	Ricky Etheridge
LB	53	Robert Abraham
LB	37	Sam Key
LCB	21	Donnie LeGrande
RCB	29	Perry Williams
SS	41	Louie Meadows
FS	6	Eric Williams
Richmond	No.	
Pos.	No.	
SE	6	Clayton White
LT	52	Phil Opstad
LG	64	Steve Miles
C	53	Tom Flanagan
RG	68	George Roberts
RT	60	Mike Perkins
TE	89	Rich Scherer
QB	7	Steve Krainock
FB	39	Reggie Evans
TB	20	Barry Redden
FK	81	Kevin Jackson
LE	99	Jay Browne
DT	96	Mike Bellissimo
NG	71	Mike Moran
DT	76	Mark Seale
RE	54	Howard Peace
LLB	91	Larry Braun
RLB	47	John Burgess
LCB	41	Mike London
RCB	24	Terry Waller
SS	14	Steve Gordon
FS	9	Ken Still

Rules of the road

State's 1981 football season begins tomorrow with a crowd of 30,000 plus expected at Carter-Finley Stadium for the 7 p.m. game against the University of Richmond.

State officials wish to remind those planning to attend this game, and/or others during this season, of the following stadium rules:

•Umbrellas are not permitted within the stadium gates; and

•No alcoholic or malt beverages are allowed within the stadium.

The N.C. Highway Patrol will direct traffic and assist fans in entering and leaving the stadium. Persons driving to the game should put signs reading "Game" on their windshields to help officers direct traffic.

The Highway Patrol will be supplemented inside the stadium grounds by Public Safety officers and stadium parking attendants.

Wrecker service will be available again this year for those with car trouble.

Florida Internaional to test Pack defense

(Continued from page 6)

The agile midfield unit will take to the field in the form of speedy ACC goal leader Chris Ogu handling McKeon's old spot; Jim Burman, returning as a solid operator; and prep all-America Bakty Barber, a hometown freshman.

Defensively, the Wolfpack will start two all-ACC returnees in Francis Moniedafe and Joe Elsmore, both heading a unit which recorded a school-mark 10 shutouts last fall. Senior Pat Landwehr, a 1979 starter who missed all of last season

with a knee injury, will complement the defensive formation. Senior Butch Barzick will switch to the other fullback position after three years of being an attackman.

"Butch has been a three-year starter," Gross said.

"He has proven he can learn a new position and play a key role to the success of the team."

The nets will be protected by sophomore Chris Hutson, who started the final six

games of 1980 while recording four shutouts.

Davidson, 9-3 a year ago, brings a vastly improved program to town and will certainly show an upstated attitude.

"They're coming off their

first winning season in a long, long time," Gross said.

"They're a Division I team but what can I say? They are just a good college team."

"We'll be looking at Steve Green, Dan Allen, Budhy Barber, Jon Blitz and Bill

Mussack to give us backup support as well as needed push for the starters."

Overall, the team is coming along OK. We've had a few minor injuries but we should be healed up by Sunday."

Holidays may find Pack unwrapping bowl bid

(Continued from page 6)

Williams and Louie Meadows will hold down the safety positions.

"We've got an outstanding secondary," Kiffin said. "We can put six people back there that have started at one time or another."

The specialty teams will definitely miss the foot of Nathan Ritter this year but the kicking game looks good with Todd Auten returning at placekicker and Calvin Warren to punt.

Overall it looks like the Pack may be "eye"-ing a big year if all goes well and the injury situation is not devastating. An 8-3 or 9-2 year is definitely achievable although the Pack plays a tough schedule.

The Pack's first challenge should not come until late September with Maryland after having faced Richmond, Wake Forest and East Carolina. Then after Virginia the Pack will see

the meat of its schedule with North Carolina at home then Clemson and South Carolina on the road before coming home to face Penn State. State will play Duke on the road and Miami, Florida, at home to wind up the season.

If the I formation gets going real well by midseason the Pack could end up with an even better season. Regardless of the mid-season meat the Pack should definitely see a bowl this year, first hand.

"We were 6-5 last year and were disappointed we didn't get a bowl bid," Kiffin said telling another of his comical experiences. "But I'll tell you what. I've coached at Nebraska. I've coached at Arkansas. Eleven years. Eleven bowl games. I'll tell you I've had it up to here with bowl games."

Well maybe he can stand one more because starting Saturday night the Pack is going to be bowl bound.

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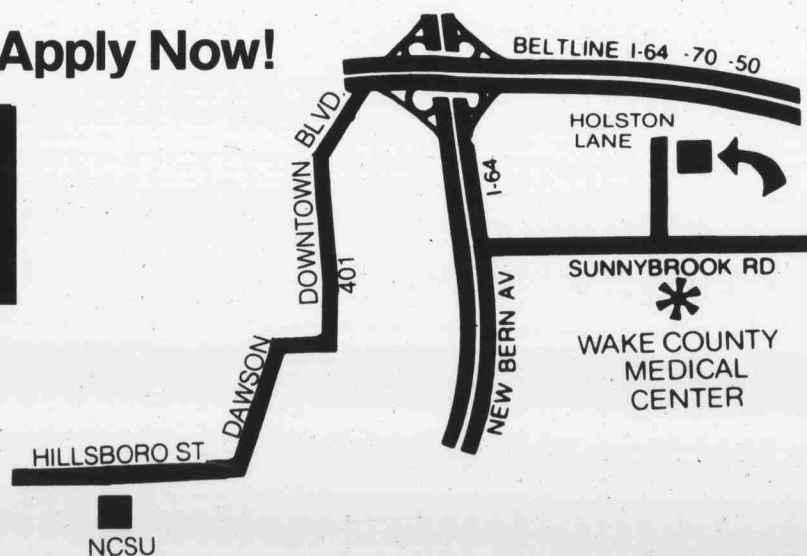
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Speed bumps termed unnecessary

by Mike Brown
Staff Writer

The speed bumps taken out along Cates Avenue will probably not be put back unless a problem is noted, according to Wayne Brooks, professor of entomology and chairman of the transportation committee.

A lot of people, for example at Physical Plant and the Division of Transportation, think that the speed bumps are unnecessary," Brooks said.

The bumps were taken out during the summer

when Cates Avenue was repaved. There was a need for speed bumps several years ago when the road was being used for drag racing and traffic was less.

Heavy traffic

"But now the traffic is so heavy that the bumps are unnecessary and actually a nuisance, since they can ruin a car's suspension system," Brooks said.

"There is a decided inclination to get away from speed bumps. They're not a

good mechanism of controlling traffic. In fact all the available evidence, even at the national level, shows that bumps really do nothing to slow traffic."

"The road will be left as is until a problem is noted."

If a problem does develop, someone must make a request to the Transportation Committee, which considers the request and then makes a recommendation to the Division of Transportation. It is then up to Transportation as to whether it will act on the recommendation.

"But I don't see any such

effort forthcoming," Brooks said.

"Amazingly our traffic record at State is almost accident free. There are fender benders, of course, but that usually happens in a parking lot when one car backs into another. And there are a few bicycle accidents but for the most part the students are careful, the drivers are alert and we have no problems."

"Unless we do have a problem, and someone makes a request for speed bumps, I see no reason for putting them back."

Tuition to include freshman meal plan

by Sinthea Stafford
Staff Writer

State's new dining facility now under construction between Lee and Bragaw residence halls will be finished in time for the 1982-83 freshman class.

The building is scheduled to be completed April 1982, according to Art White, Food Services director.

"The construction is on schedule," White said. "We will actually start service the summer of 82 to ensure that the program will run smoothly."

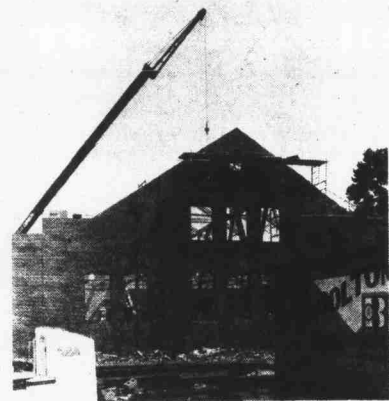
White said 2,500 students will have to be served in the dining hall in order for the facility to make a profit.

All 1982-83 freshmen will be required to eat in the dining hall, White said. Space will be allotted for 200 upper-class students or guests.

"The hall will run on a contract which will be part of the freshman tuition," White said. "These students will eat there regularly; that way the hall will be self-supporting."

The contract offers freshmen students two choices: A 15-meal, five-day plan or a 20-meal, seven-day plan.

Plans other than the 15- or 20-meal plans will be available if Food Services determines the dining hall is flexible enough, White said.



Staff photo by Wayne Beyer
State's new dining facility is still in the making. It is scheduled to be finished for the 1982 fall semester.

Briefly

DEPOSITS FOR LIBRARY locker keys will be considered forfeit if the lockers are not renewed for fall semester or officially cancelled by Sept. 18. Bookstack carrel assignments that are not renewed by this deadline will be cancelled.

To officially renew or cancel a locker or carrel, contact the staff of the Circulation Processing Section between 8 a.m. and 5 p.m., Monday through Friday, Ext. 3364.

A SPECIAL ONE-DAY seminar and workshop on Oct. 16 at the McKimmon Center can give you the answers on how to use Ronald Reagan's new tax laws to your advantage.

Registration for the seminar, "Utilizing Tax Laws to Your Advantage After the Economic Recovery Tax Act of 1981," is now underway.

Sponsored by State's Division of Continuing Education, the workshop will be led by experts in tax law.

The course is designed to show business executives and individuals how to use tax laws effectively to reduce personal, business and estate taxes under the laws of the new bill.

Registration for the course is \$55.

For further information and to register, contact Alice A. Strickland, Division of Continuing Education, NCSU, P.O. Box 5125, Raleigh, N.C. 27650; or telephone (919) 737-2261.

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REVISIONS IN THE ACADEMIC misconduct policy are as follows: If the student admits guilt, the student will automatically be placed on academic misconduct probation and the instructor should assign a grade of zero or "NC" to the examination or assignment on which the academic misconduct occurred.

A brief description of the incident will be written by the instructor. A copy of the report shall be sent to the director of Student Development within one week of the guilty plea. The director of Student Development or his designee shall within one week forward a copy of the report to the student via certified mail, return receipt requested.

The student will have one week to file a protest with the director of Student Development if he or she disagrees with the description of the incident. If a protest is filed, then the director of Student Development shall turn the case over to the student attorney general, who will initiate a hearing, if necessary, to reconcile the discrepancies. A copy of the final report will be sent to the director of Student Development and a copy will be placed in the student's permanent file.

MONDAY, SEPT. 7, 1981 will be observed as Labor Day. This holiday begins at 10 p.m. on Friday, Sept. 4 and classes resume at 7:50 a.m. on Tuesday, Sept. 8, 1981.

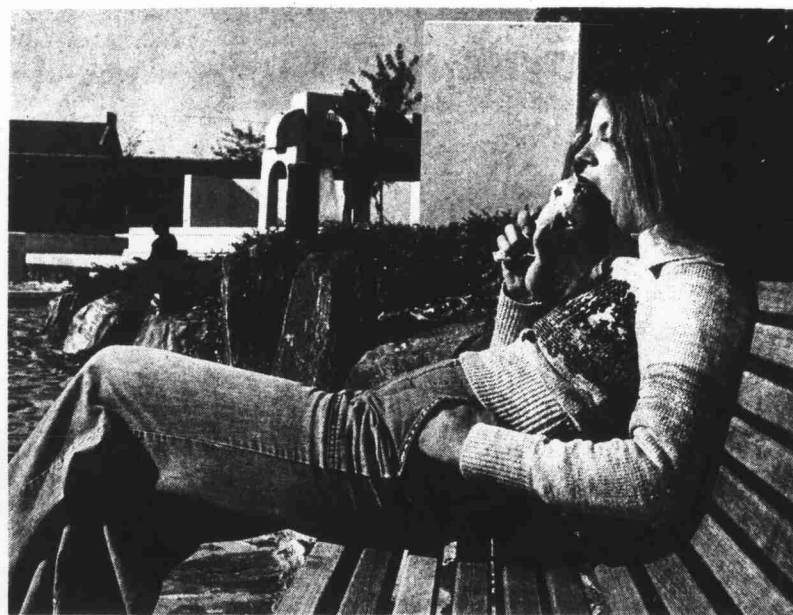
Athletic facility

(continued from page 1)

"I'm not aware of any construction plans," Harris said. "New paths will evolve from the existing ones after the athletics facility and the residence hall are completed. Whether that will be

by construction or by repeated running on paths I don't know."

A new 500-space residence hall will be constructed adjacent to the athletic facility with a target completion date of fall 1983.



If you scream for ice cream, you may find a new type of the frozen slush developed at State worth a yell. A food scientist at State has developed a non-refrigerated liquid ice cream that may save money.

Scientist develops new ice cream

A non-refrigerated liquid ice cream and ice milk has been developed by Dr. Arthur Hansen, a State food scientist.

Hansen said the product could save millions of dollars in energy in shipping and storage costs and open markets for the sale of homemade ice cream as well.

The mix now being used to make commercial ice cream is kept under the refrigerator from the time of manufacture until it is frozen. It must be in storage at 20 to 30 Fahrenheit until it reaches the consumer.

"The cost of shipping the frozen product is reflected in

the cost to the consumer," Hansen said.

Fast processing

Hansen's shelf-stable mix can be packaged, transported to a restaurant or grocery store in less expensive non-refrigerated trucks and stored for up to six months on the shelf right along with the pickles and ketchup.

"In the case of large fast food chains, the use of non-refrigerated ice cream and ice milk could amount to millions of dollars in savings in energy and handling," he said.

Hansen, a principal investigator at State in the U.S. development of a non-refrigerated milk product (UHT or ultra high temperature milk), said the basic technology used to make that product was adapted to create the long-shelf-life ice cream mix.

"We flash heat the ice cream or ice milk (seven seconds) to 300 degrees by injecting steam which activates the bacterial spores," Hansen explained. "The sterile product is then sealed in foil-laminated paper containers for shipment."

The mix can be stored at room temperature. When

used it is blended with flavors, fruit, nuts or other ingredients in an ice cream freezer.

Flavors can be added during the production of the mix or later when the ice cream is being made, Hansen said.

Manufacturers of small freezing and blending units could easily develop a small electric ice cream maker suitable for home use, he said.

"The new shelf-stable mix could be frozen, popped in the machine after dinner, and within the hour a family could be enjoying a fresh, nutritious ice cream make right in their own home," Hansen said.

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