



SCHOOLS OF INTEREST 3

A SELECTION OF BUILDING PROJECTS

DIVISION OF SCHOOL PLANNING / NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION

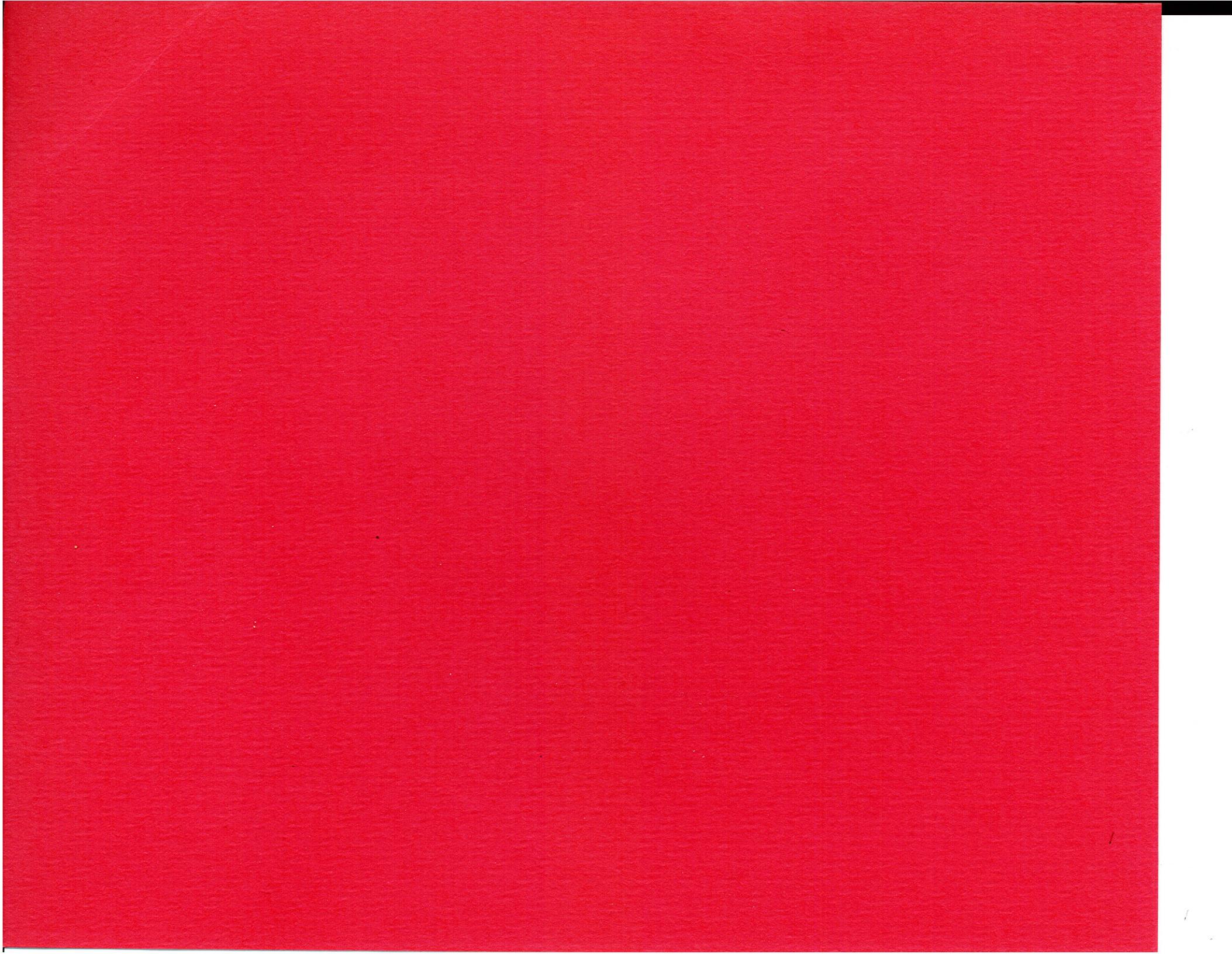


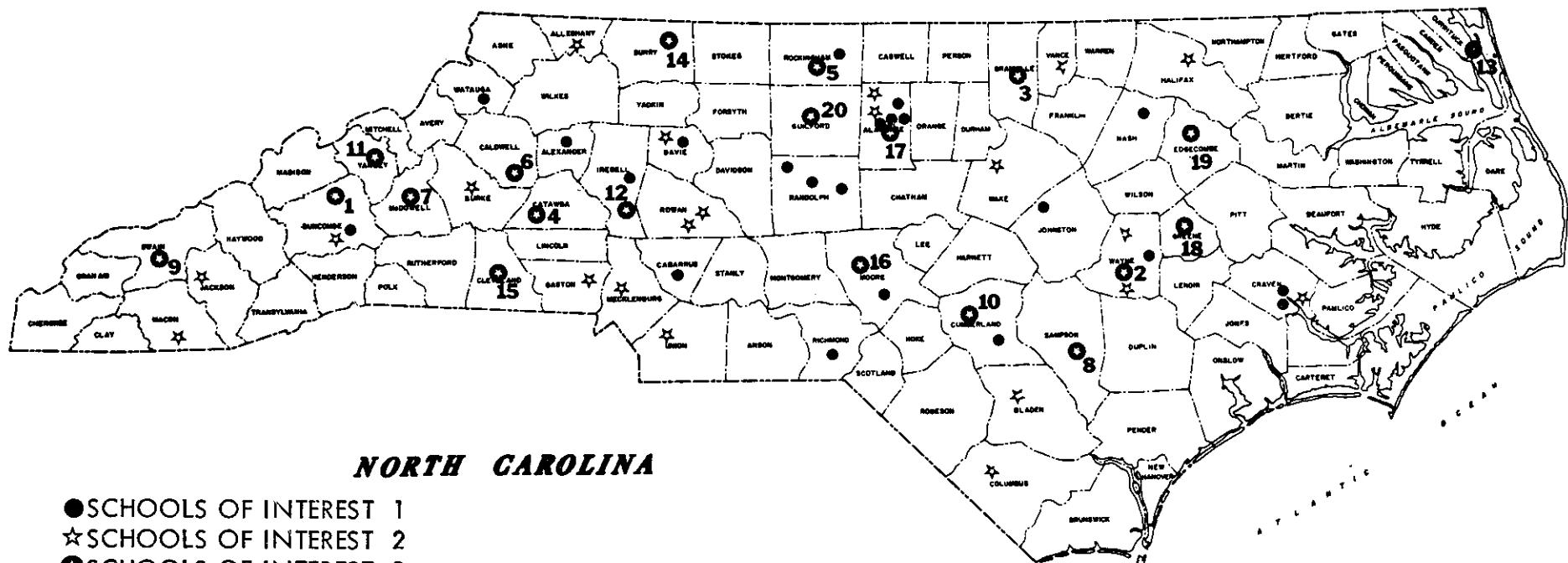
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Location of Schools of Interest in North Carolina

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 2. North Drive Elementary
 3. West Oxford Elementary
 4. Charles Tuttle Middle School
 5. Rockingham High Swimming Pool
 6. South Caldwell High
 7. Clinchfield - East Marion Elementary
 8. Clinton High
 9. Swain County High
 10. Fayetteville Kindergartens
 11. Mountain Heritage High
 12. South Elementary
 13. Currituck County High
 14. Bruce H. Tharrington Elementary
 15. Shelby Senior High Auditorium
 16. Westmoore Elementary
 17. Southern Middle School
 18. Greene County High Music Building
 19. North Edgecombe High
 20. Greensboro Career Education Center



NORTH CAROLINA

●SCHOOLS OF INTEREST 1
★SCHOOLS OF INTEREST 2
☆SCHOOLS OF INTEREST 3

Introduction

Facilities for public education have come a long way since the days of "the pitcher-pump" and the "pot bellied stove." Yes, we now think in terms of fire-resistant structures, safe, sanitary, well lighted, flexible, ventilated, carpeted, tiled floors, automatically heated and cooled, and colorful buildings, but do we build schools that contribute to the education of children? Not just reading and writing and arithmetic, but to living, communicating with, and enjoying their teachers and their fellow classmates? Do the schools contribute to the richness and fullness of a person's life? Do the students say, "the school helped me to grow and mature, and helped me to set goals and standards, helped me to develop skills and attitudes essential to an interesting, happy, and satisfying life with myself, my family, my friends and my environment?"

Good modern buildings can and should contribute to the above aims and objectives of a good school system. But buildings must be used in an effective manner by people who have knowledge, skills, ability, energy and enthusiasm sufficient to plan, organize and administer a program if these goals and objectives are to be achieved in whole or in part. Modern facilities alone do not guarantee a good school.

Our challenge is to use our modern facilities to house a dynamic program of education and learning that will provide for the needs of each child who enrolls, not 60 percent, not 80 percent but 100 percent. We must find ways and means to meet the needs of each and every child, whether he has one talent or whether she has ten talents. The success of public education during the next decade will depend on the degree to which we meet this challenge.



J. L. Pierce, Former Director
Division of School Planning
Department of Public Instruction

Foreword

The first issue of Schools of Interest was published in 1971. The forward to that issue explained that many people had requested information about which recently constructed educational facilities might be of interest to designers and educators. There was an enthusiastic response to that issue as well as to a second publication in 1973 which was entitled Schools of Interest 2. In both instances, we did not try to illustrate or include each new school building project which might be of special interest. Time and space necessarily limited our choices. Therefore, many exceptional projects were not included. Such is the case with this latest issue of Schools of Interest.

We have included a complete list of school construction projects so that designers, educators, and interested citizens can visit or otherwise be aware of particular efforts in their districts and elsewhere in North Carolina. There are many well designed school facilities listed which are not illustrated. These facilities house educational programs which range from traditional to open education. Illustrated choices are not intended to represent a particular point of view or philosophy of education. Actually, most of these schools have been designed to accommodate a spectrum of local educational philosophies. In each instance we believe the designers have attempted to respond creatively to the educational program or prevailing construction circumstances.

April, 1977

A. Craig Phillips, State Superintendent
North Carolina Department of Public Instruction

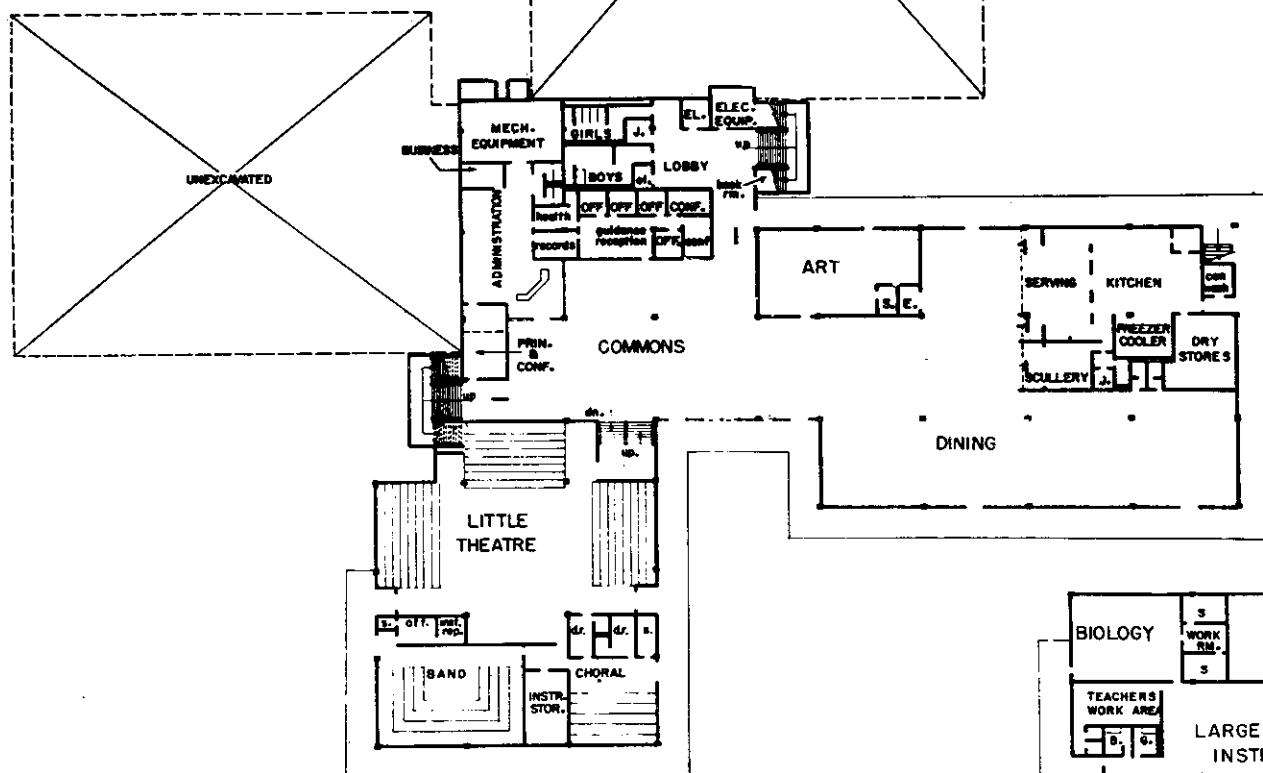
James T. Burch, Assistant Superintendent
Administrative Services Area



Lacy Presnell, Director
Division of School Planning
Department of Public Instruction

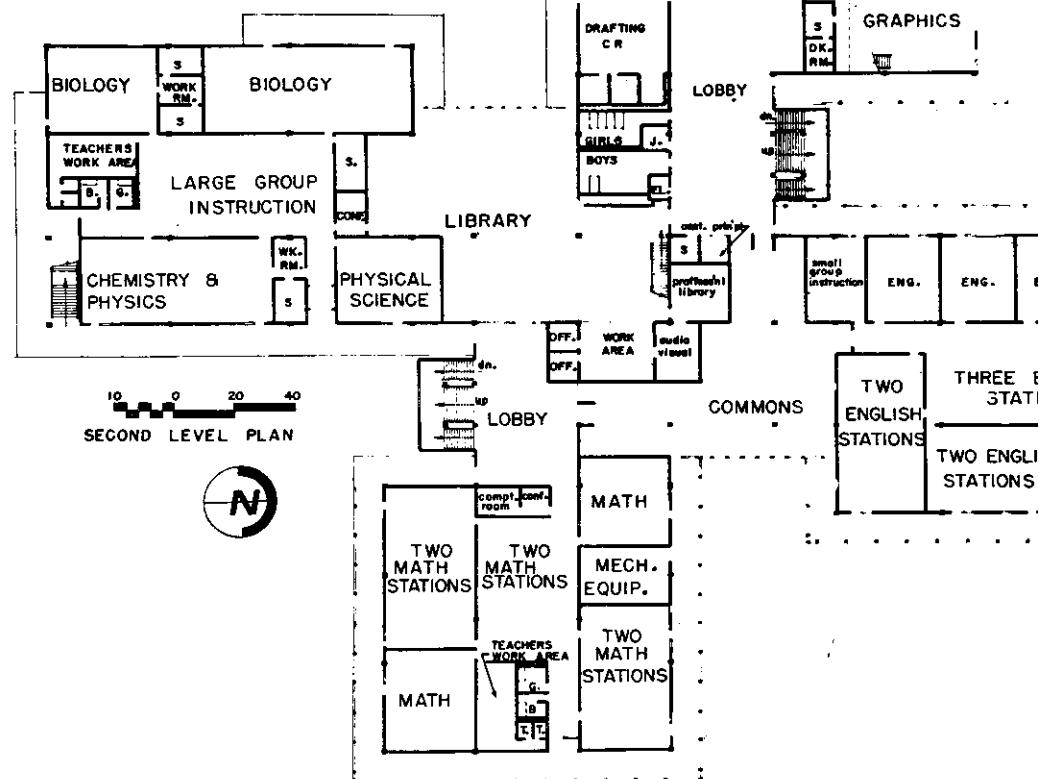
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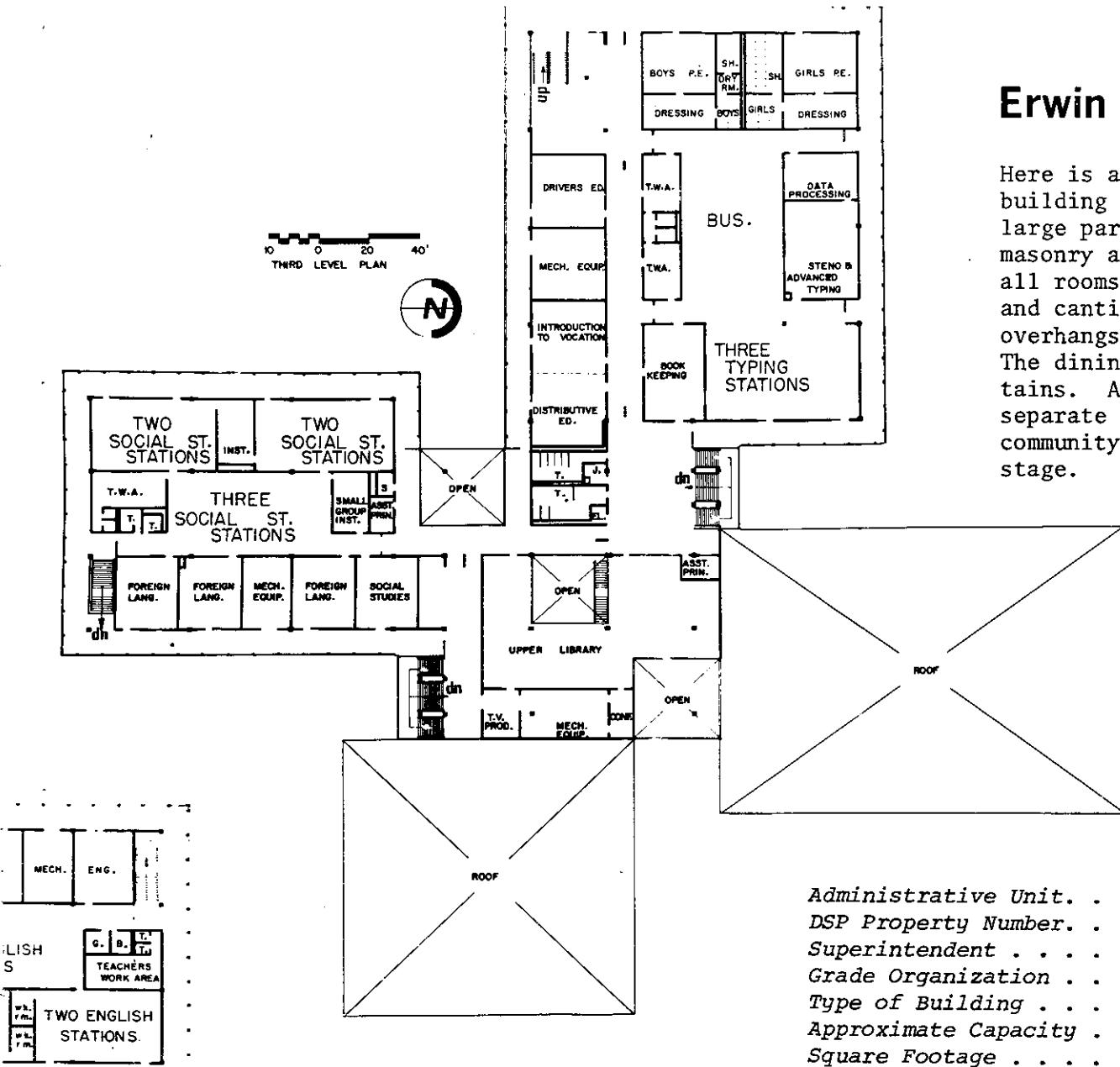
FIRST LEVEL PLAN



UNEXCAVATED

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SECOND LEVEL PLAN

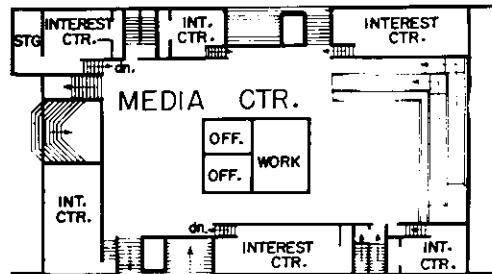




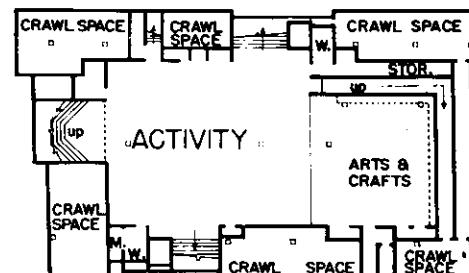
Erwin High School

Here is a site in the mountains which suggested a building on more than one level. The result is a large partially three story school constructed of masonry and post tensioned concrete. Just about all rooms are accessible from exterior sidewalks and cantilevered balconies sheltered by wide roof overhangs. The theater is a modified arena type. The dining room has views to surrounding mountains. An elevator serves all levels from a separate lobby. A large gymnasium and indoor community swimming pool are in the planning stage.

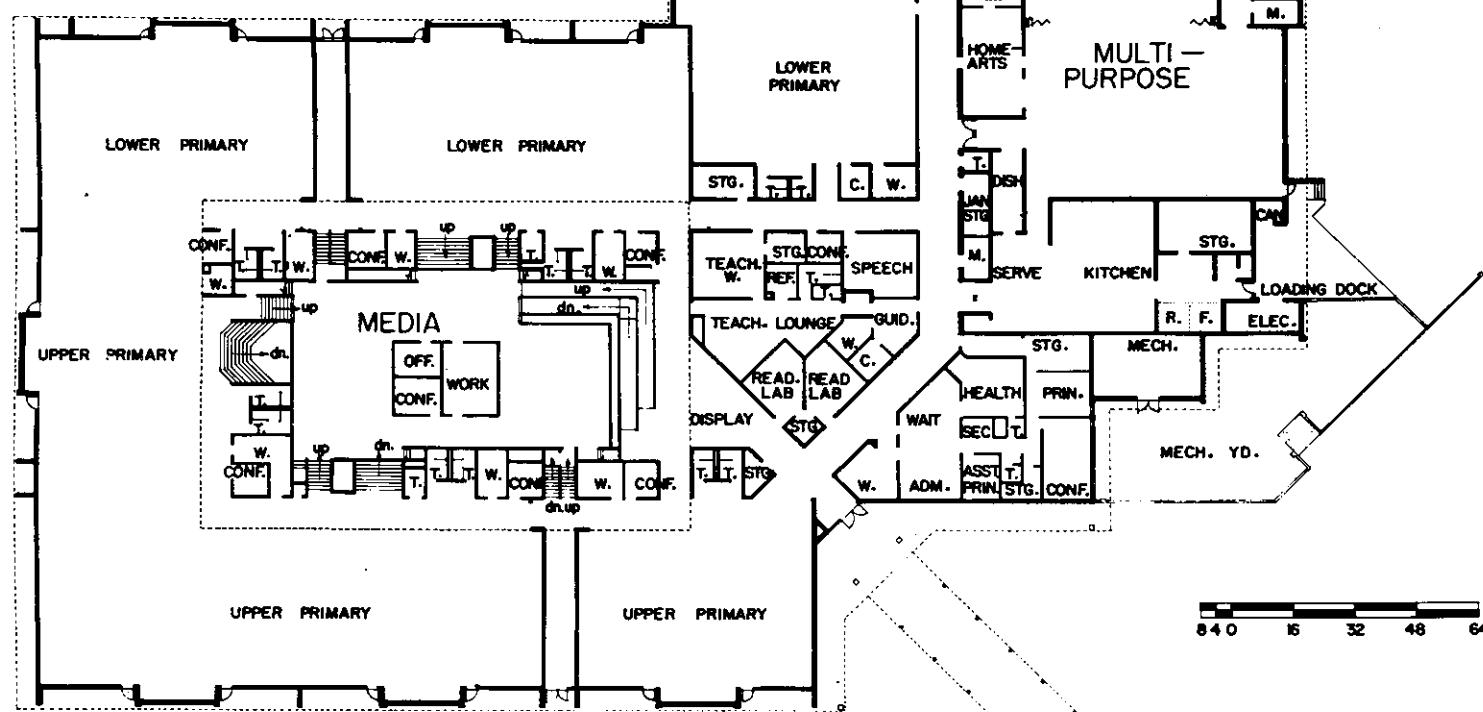
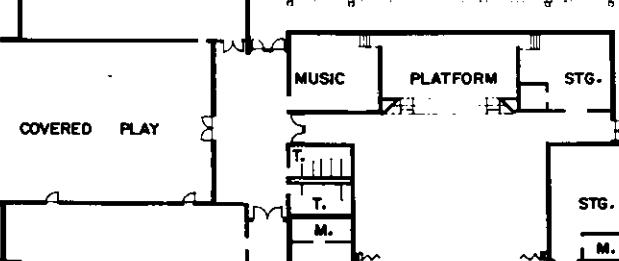
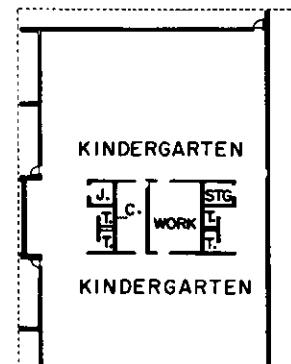
| | |
|--------------------------------|---------------------------------|
| Administrative Unit | Buncombe County |
| DSP Property Number | 110-3596 |
| Superintendent | Fred H. Martin |
| Grade Organization | 10-12 |
| Type of Building | New |
| Approximate Capacity | 1,800 |
| Square Footage | 169,000 |
| Approval Date | January 1974 |
| Architect. | Baber, Cort and Wood |
| Structural Engineer. | Sutton, Kennerly and Associates |
| Electrical Engineer. | K. M. Armstrong and Associates |
| Mechanical Engineer. | Mechanical Engineers Inc. |



UPPER LEVEL PLAN



LOWER LEVEL PLAN



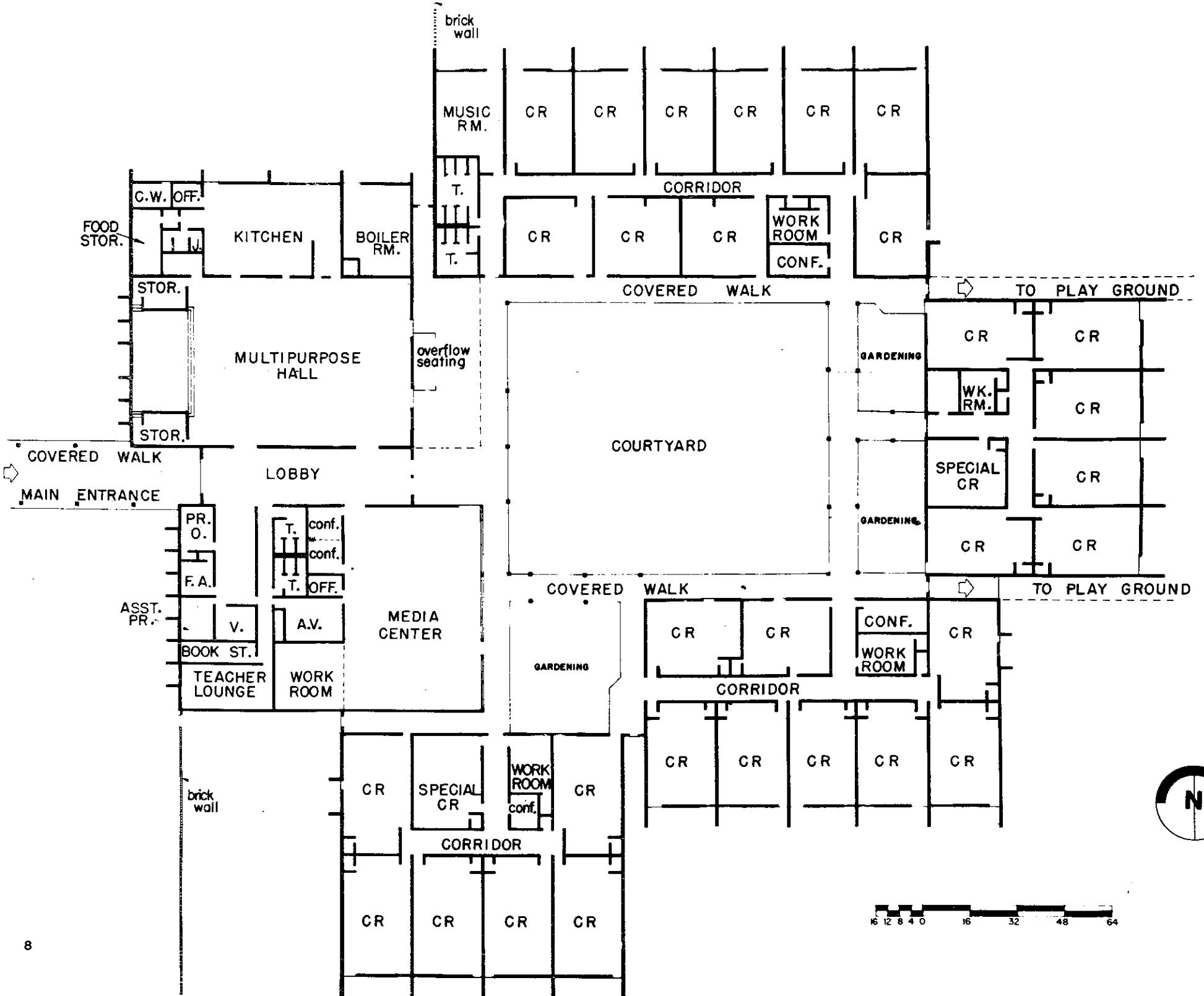
840 16 32 48 64'

North Drive Elementary

There are several interesting things to be seen at this school. One is the first solar energy collector used to heat the domestic hot water and provide some of the general heating energy. Another is a multi-level media center surrounded by a variety of small workrooms and other support spaces. A third is wall areas made of individually sculptured bricks. Also, the entire plan is arranged so that future interior changes can be made by means of relocating partitions or room dividers.

Landscaping is part of the original design and planning effort.

| | |
|--|------------------------------|
| <i>Administrative Unit</i> | <i>Goldsboro</i> |
| <i>DSP Property Number</i> | <i>962-3683</i> |
| <i>Superintendent</i> | <i>Dr. James E. Surratt</i> |
| <i>Grade Organization</i> | <i>K-4</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>1,200</i> |
| <i>Square Footage</i> | <i>60,000</i> |
| <i>Approval Date</i> | <i>July 1975</i> |
| <i>Architect</i> | <i>Griffin-Flynn, Ltd.</i> |
| <i>Structural Engineer</i> | <i>Progressive Design</i> |
| <i>Mechanical and Electrical Engineers</i> | <i>Fenner-Proffitt, Inc.</i> |



West Oxford Elementary

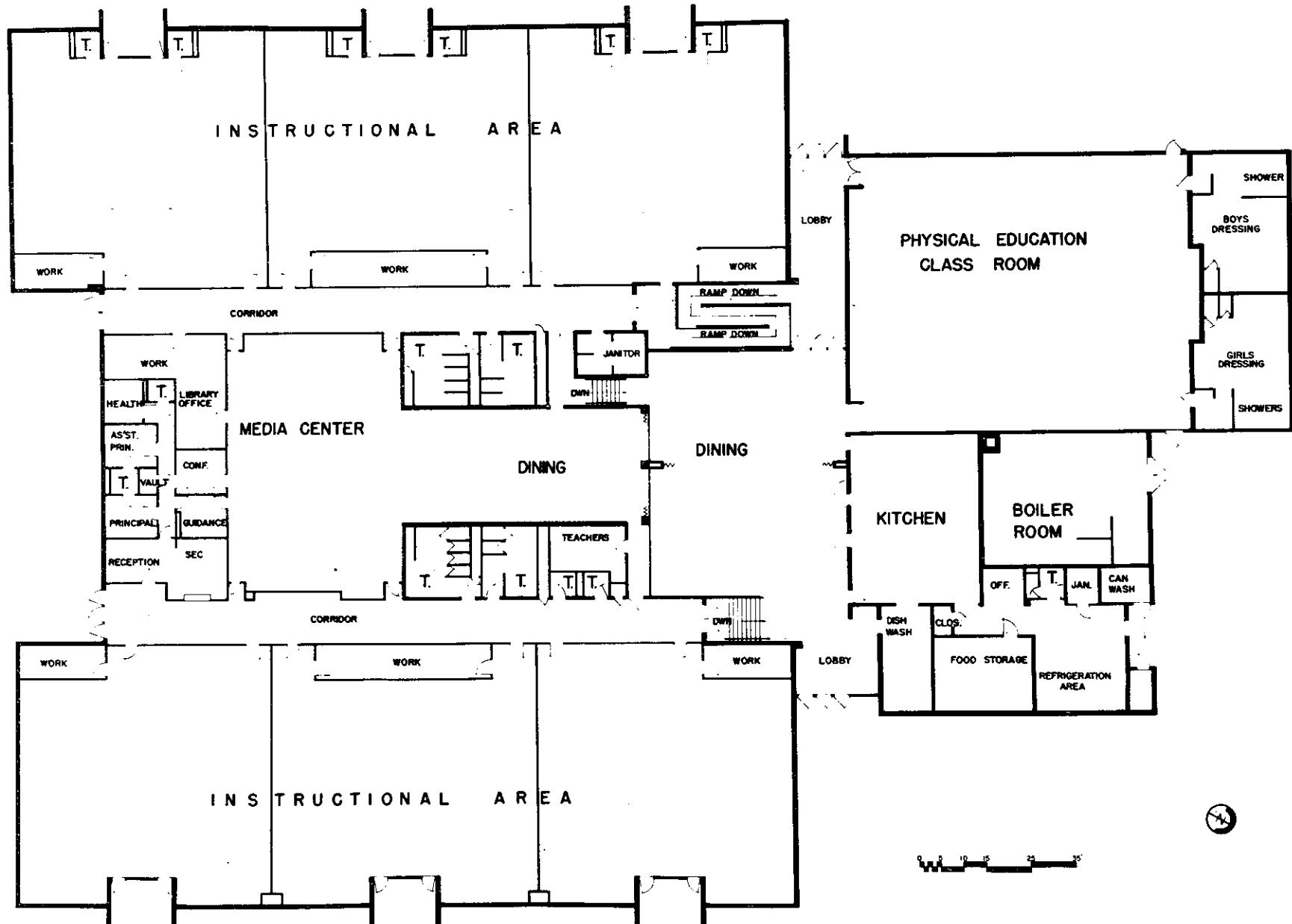
A traditional education program has been translated into a very attractive and economical school complex. Sloping roofs on a concrete frame shelter exterior walls and covered walks. White painted walls have many bright colored graphic images used for signs and direction indicators.

Bus, automobile and pedestrian traffic is well planned. Arrivals and departures are related to a long covered walk penninsular entrance.

The courtyard features a concrete pipe water fountain around which is grouped brick paving, planting bins, and trees.

This building design indicates that "self contained" classrooms and supporting facilities can be composed in a fresh way. The educational program need not be an obstacle to creative effort.

| | |
|---|-------------------|
| Administrative Unit | Granville County |
| DSP Property Number. | 390-3686 |
| Superintendent | L. C. Adcock |
| Grade Organization | K-02 |
| Type of Building | New |
| Approximate Capacity | 900 |
| Square Footage | 54,500 |
| Approval Date. | July 1975 |
| Architect. | Robert W. Hedrick |
| Structural Engineer. | Walter Preimats |
| Mechanical and Electrical Engineers. | O. P. Hay, Jr. |

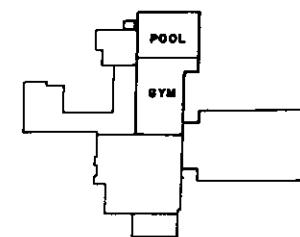
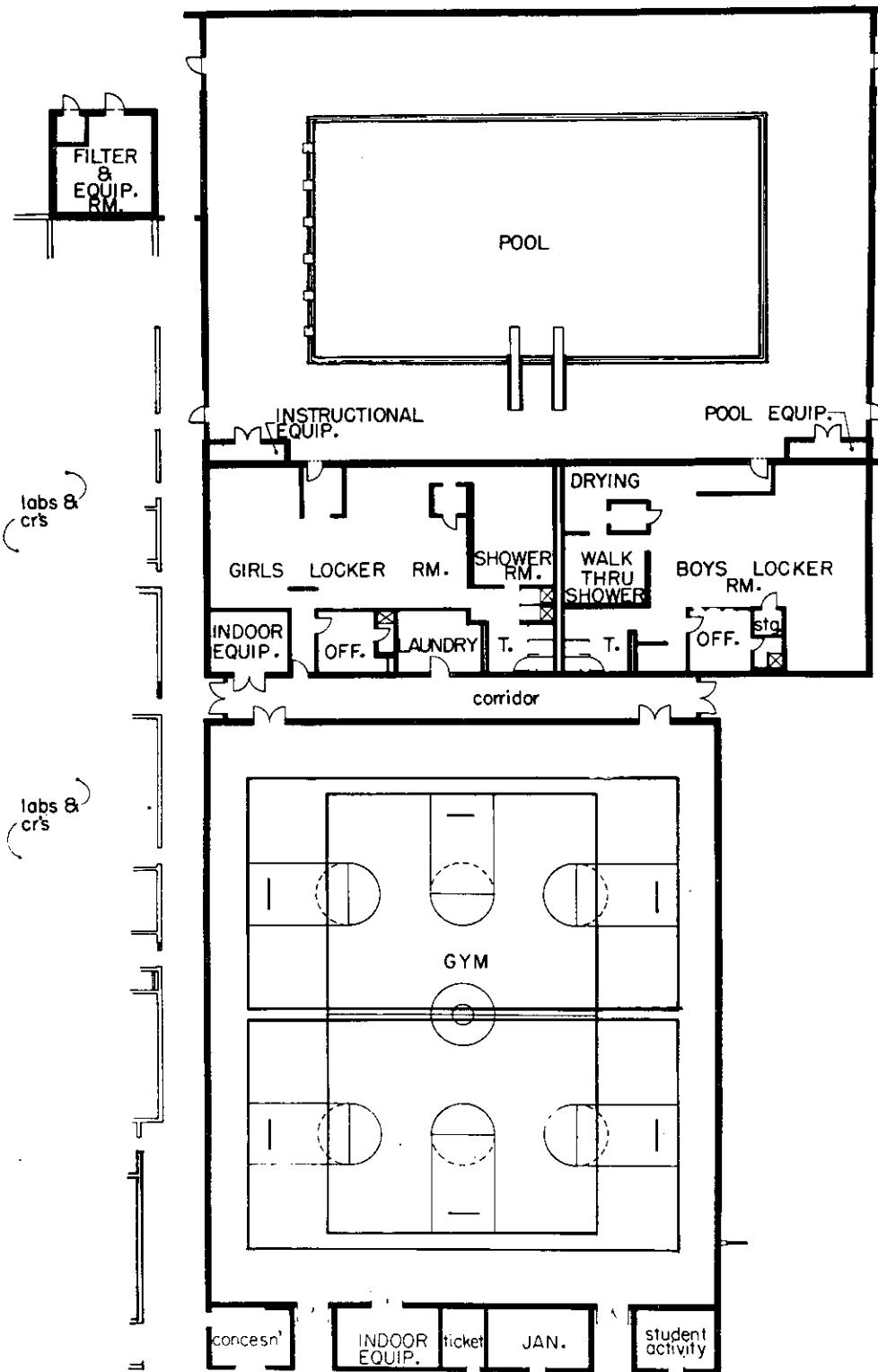


Charles Tuttle Middle School

A simple plan and structure allowed sixty foot long span roof joists to be used over all the large rectangles. The resulting interior flexibility and construction economy was worth the thoughtful architectural planning effort. Each of the four teacher pods can be rearranged to suit any educational program or student grouping. Media center and upper level dining can increase or decrease in floor area as need indicates. Lower level of dining can be divided into two spaces. Also, it can be a lobby or student commons.

This plan has been used in Catawba County with minor changes for Webb Murray Elementary School, a K-6 school.

| | |
|---|---------------------------------------|
| Administrative Unit | Catawba County |
| DSP Property Number. | 180-3672 |
| Superintendent | Charles H. Tuttle |
| Grade Organization | 6-8 |
| Type of Building | New |
| Approximate Capacity | 650 |
| Square Footage | 57,300 |
| Approval Date. | November 1974 |
| Architect. | Clemmer, Horton, Bush and Sills, Inc. |
| Structural Engineer. | R. L. Clemmer |
| Mechanical and Electrical Engineers. | Martin E. Burrows |



SCALE :
8 0 12 24 36 48'



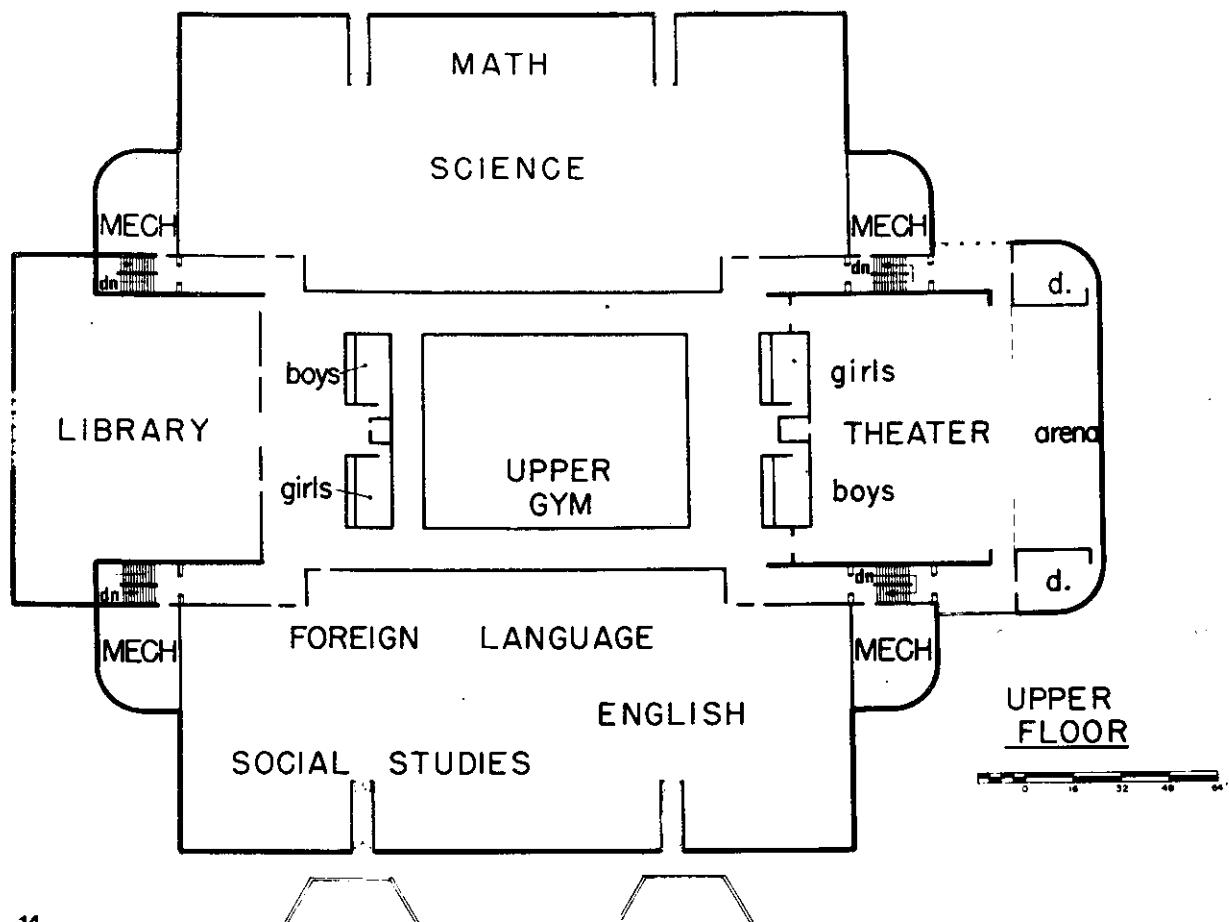
Rockingham High Swimming Pool

This is the first indoor swimming pool planned as part of a physical education program since the 1920's. Other pools are being planned or constructed in several administrative units. Swimming offers an opportunity for all students to participate in sports and physical education, whereas basketball and most team sports are limited to the select few who are skilled. Also, water safety and survival techniques are becoming more important as part of many recreation activities. Has anyone died because they couldn't play basketball?

A gymnasium with dressing rooms is the most expensive facility to build and operate at a high school. Its efficiency can be dramatically increased when an all inclusive swimming program is included.

| | |
|--|--|
| <i>Administrative Unit</i> | <i>Rockingham County</i> |
| <i>DSP Property Number</i> | <i>790-3670</i> |
| <i>Superintendent</i> | <i>Dr. Richard H. Schultz</i> |
| <i>Grade Organization</i> | <i>9-12</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity of School</i> | <i>1,000</i> |
| <i>Square Footage</i> | <i>10,800</i> |
| <i>Approval Date</i> | <i>July 1975</i> |
| <i>Architect</i> | <i>Mays & Parks Associates</i> |
| <i>Structural Engineer</i> | <i>Sutton, Kennerly and Associates</i> |
| <i>Mechanical and Electrical Engineers</i> | <i>Ernest G. Myatt and Associates</i> |

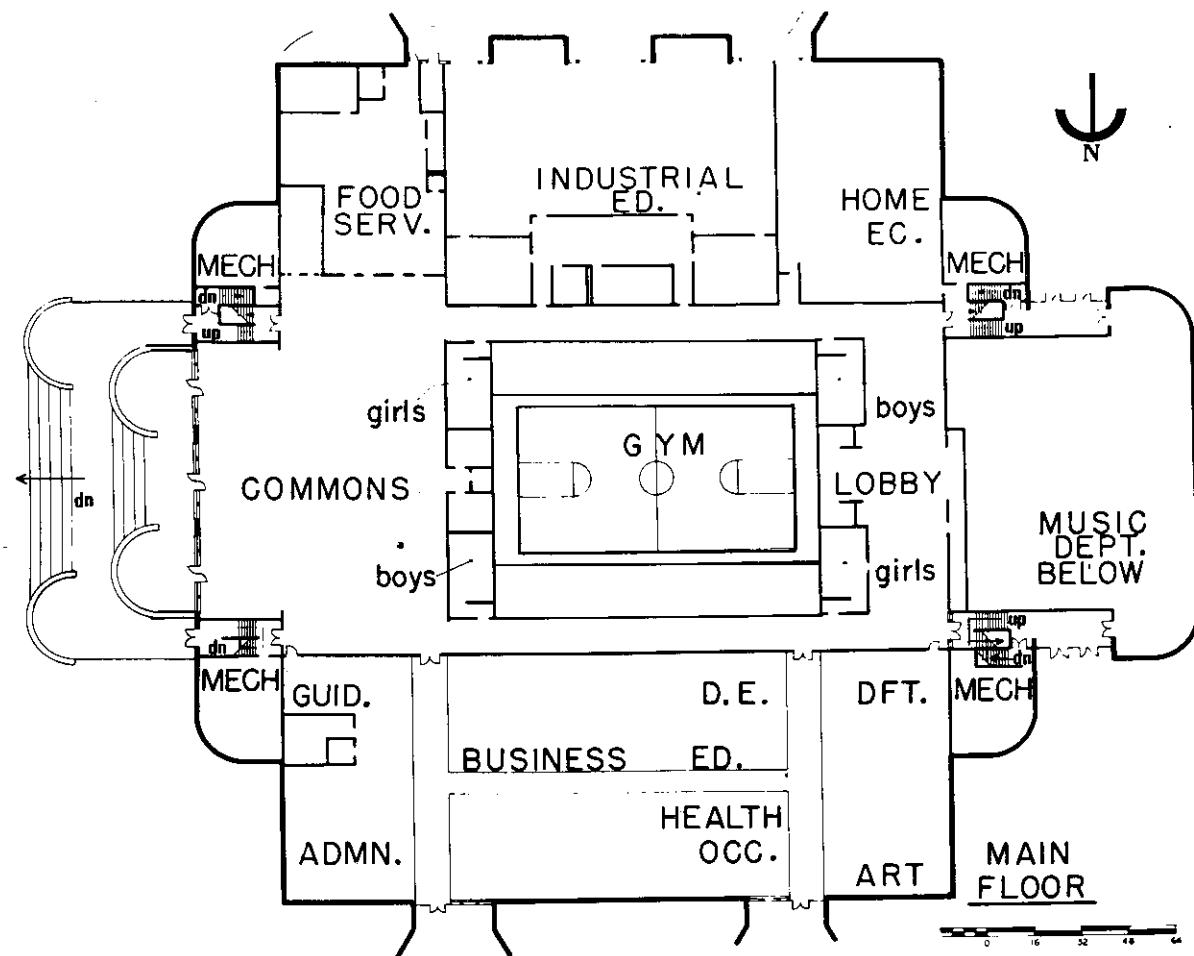
Administrative Unit. Caldwell County
 DSP Property Number. 140-3635
 Superintendent Dr. Gerald D. James
 Grade Organization 10-12
 Type of Building New
 Capacity 1200-1500
 Square Footage 210,000
 Approval Date. January 1975
 Architect. Architecture III
 Structural Engineer. Robert G. Kennerly
 Mechanical and Electrical
 Engineers. Daly & McDermott

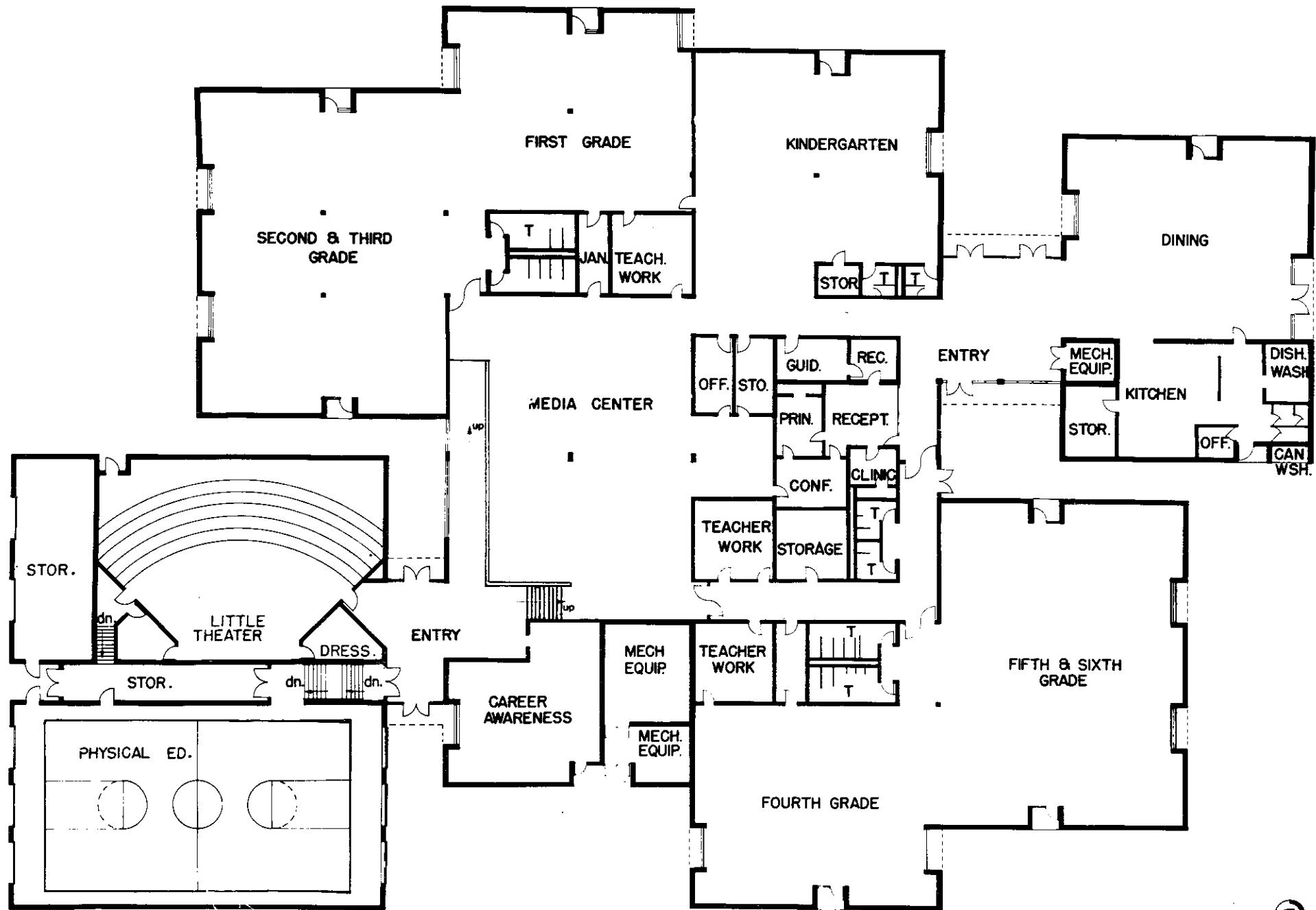


South Caldwell High

Part of this school is three stories. However, the most interesting feature is the berm design. Only the upper floor and the high windows of the main floor are above finished grade. Earth has been banked up to window sill height on all sides of the building. The earth berms continue the totally planned and landscaped site up the reinforced concrete walls of the building.

Interior planning includes about as much partition flexibility as any educational program might require. Even the entrance commons and cafeteria share the same space. West Caldwell High has been built using this plan and berm design.



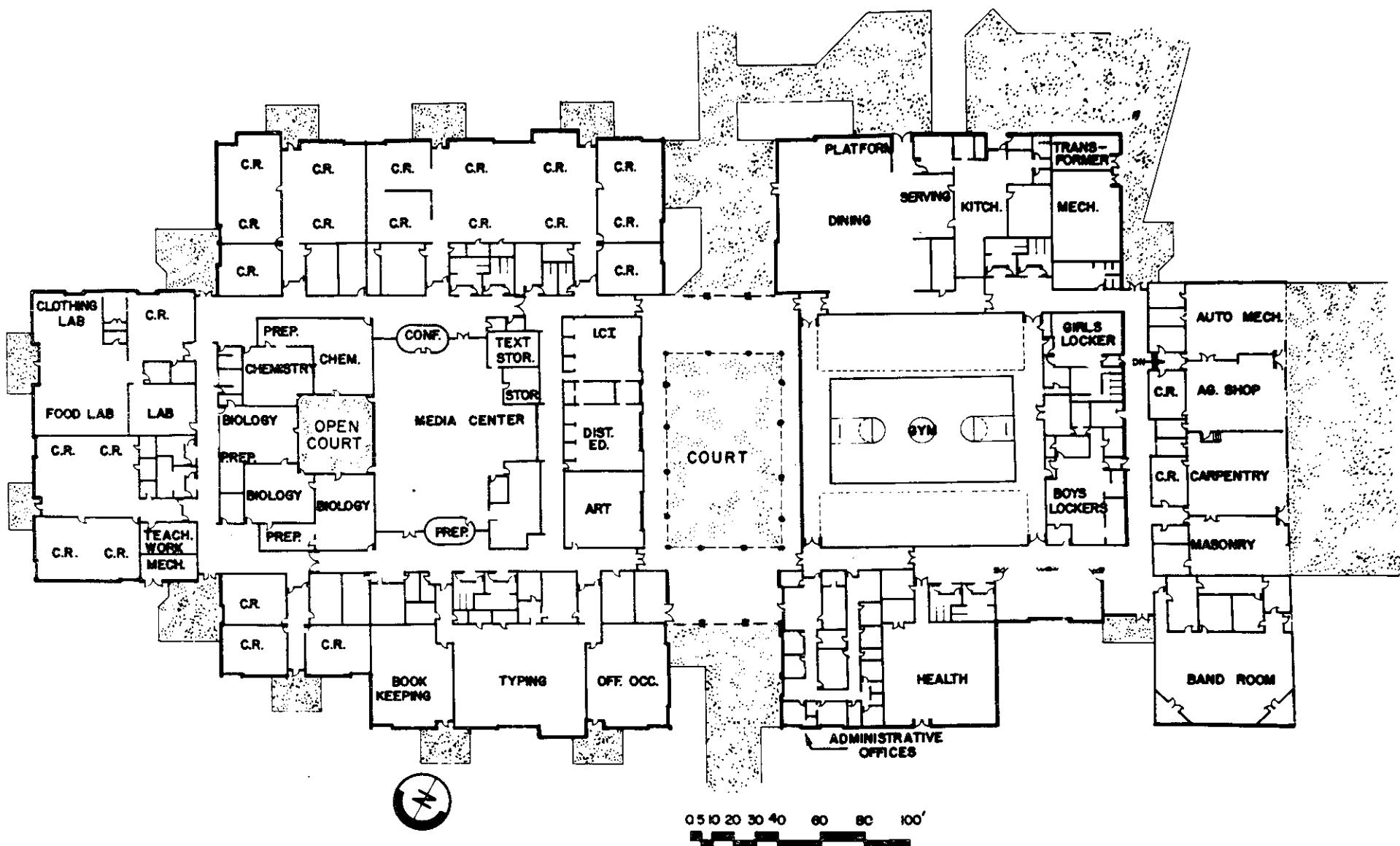


Eastfield Elementary

The sloping site suggested a group of classroom pods on two levels. Each pod is structurally open so that interior areas can be subdivided to suit educational methodology or groupings. Each pod has emergency exits directly to the outside. Administration and media center support spaces form the core of the school..

Exterior walls are masonry. Structural frame and roof are steel. Roofs form a sequence of sloping planes which reflect the sloping site.

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| <i>Administrative Unit.</i> | <i>McDowell County</i> |
| <i>DSP Property Number.</i> | <i>590-3665</i> |
| <i>Superintendent</i> | <i>James E. Johnson</i> |
| <i>Grade Organization</i> | <i>K-6</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>500</i> |
| <i>Square Footage</i> | <i>50,000</i> |
| <i>Approval Date.</i> | <i>December 1974</i> |
| <i>Architect.</i> | <i>Baber, Cort, and Wood</i> |
| <i>Structural Engineer.</i> | <i>Sutton, Kennerly and Associates</i> |
| <i>Mechanical and Electrical</i> | |
| <i>Engineers.</i> | <i>T. C. Cooke Engineers</i> |

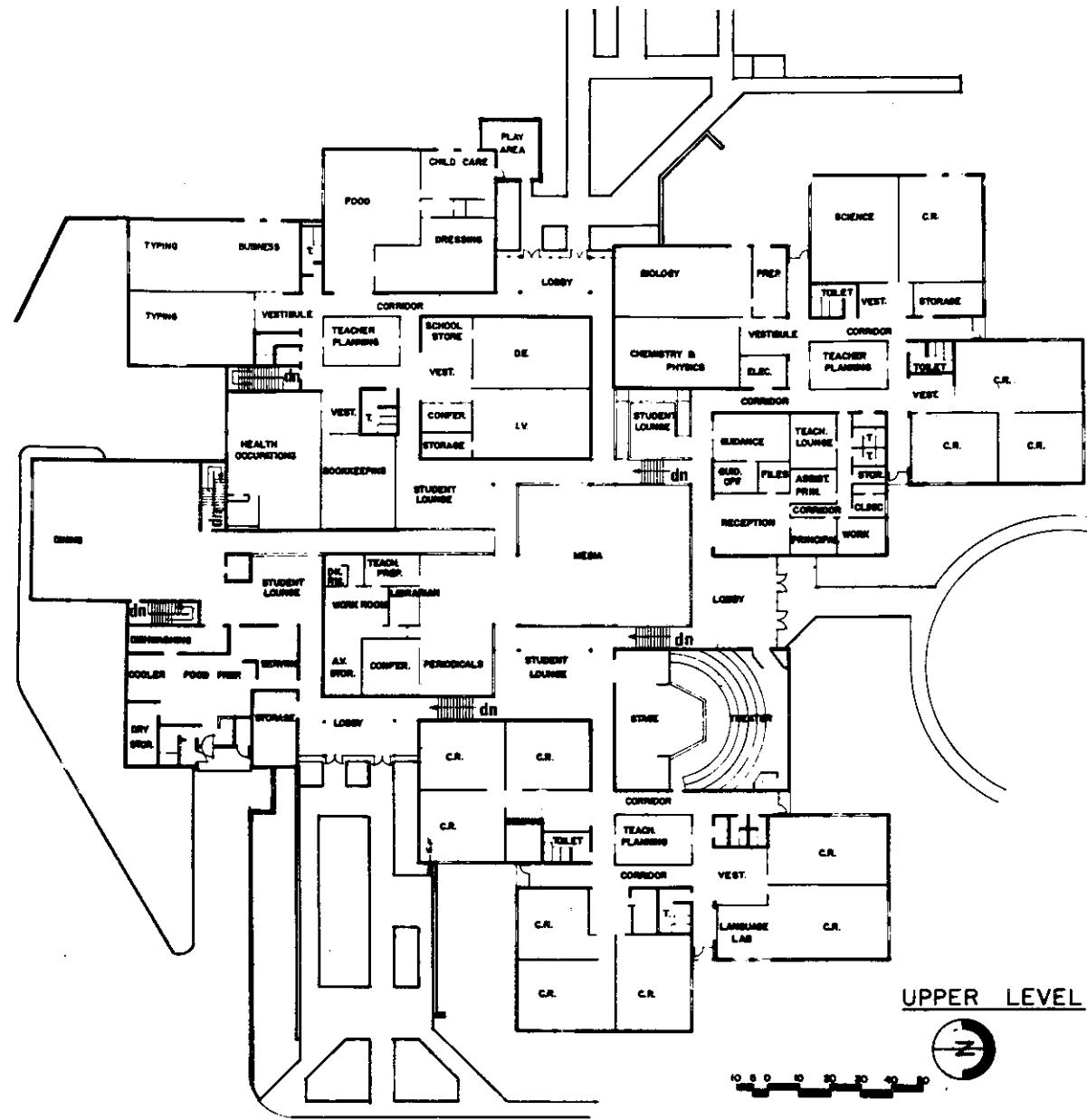
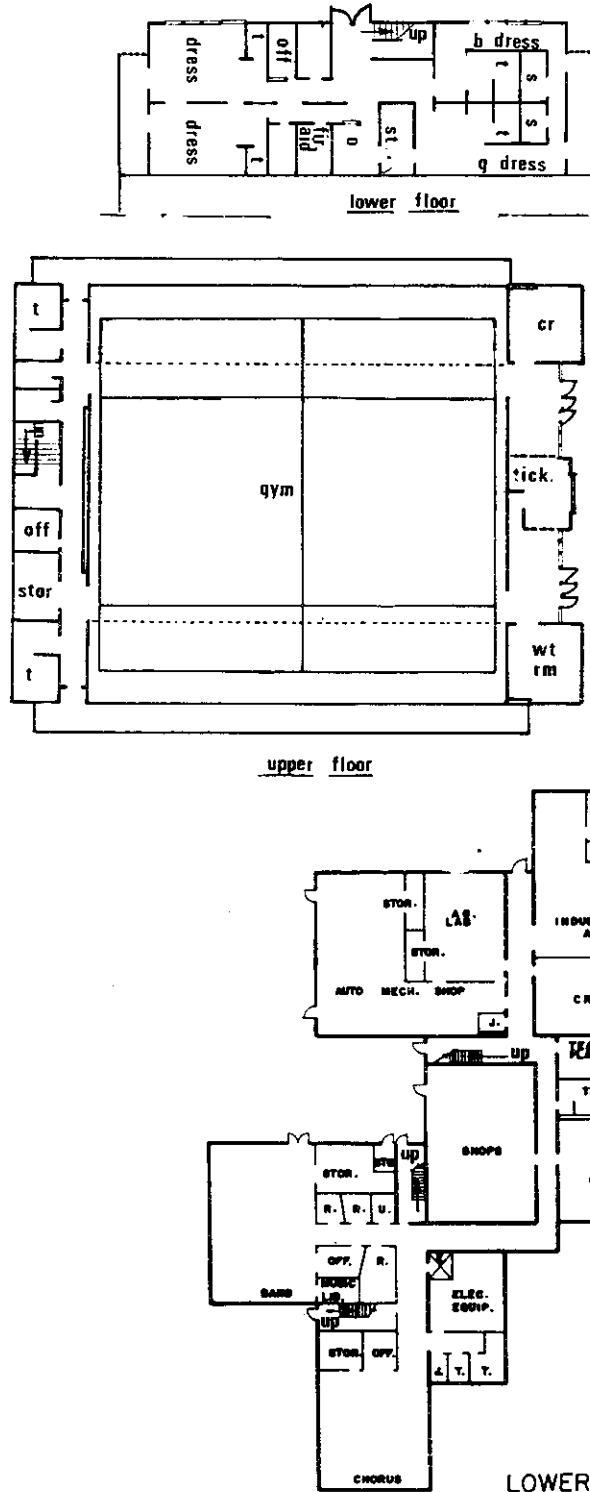


Clinton High

This project was planned and designed for a very limited construction budget. Close cooperation between the architect, the owner, and the Division of School Planning at a critical time in the decision making process resulted in much more than an average school building. It proves that limited funds need not be a limitation to thoughtful educational and architectural planning.

One of the most interesting and inexpensive features of this school consists of a variety of wall graphics and skylights which are located at corridor intersections. This feature plus sensitive color coordination throughout contributes to the feeling of environmental repose.

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|--|--------------------------------------|
| <i>Administrative Unit</i> | <i>Clinton</i> |
| <i>DSP Property Number</i> | <i>821-3145</i> |
| <i>Superintendent</i> | <i>Robert M. Boggs</i> |
| <i>Grade Organization</i> | <i>9-12</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>1,500</i> |
| <i>Square Footage</i> | <i>122,000</i> |
| <i>Approval Date</i> | <i>August 1974</i> |
| <i>Architect</i> | <i>Hayes-Howell & Associates</i> |
| <i>Structural Engineer</i> | <i>William H. Gardner</i> |
| <i>Mechanical and Electrical Engineers</i> | <i>H. L. Buffaloe and Associates</i> |



Swain County High

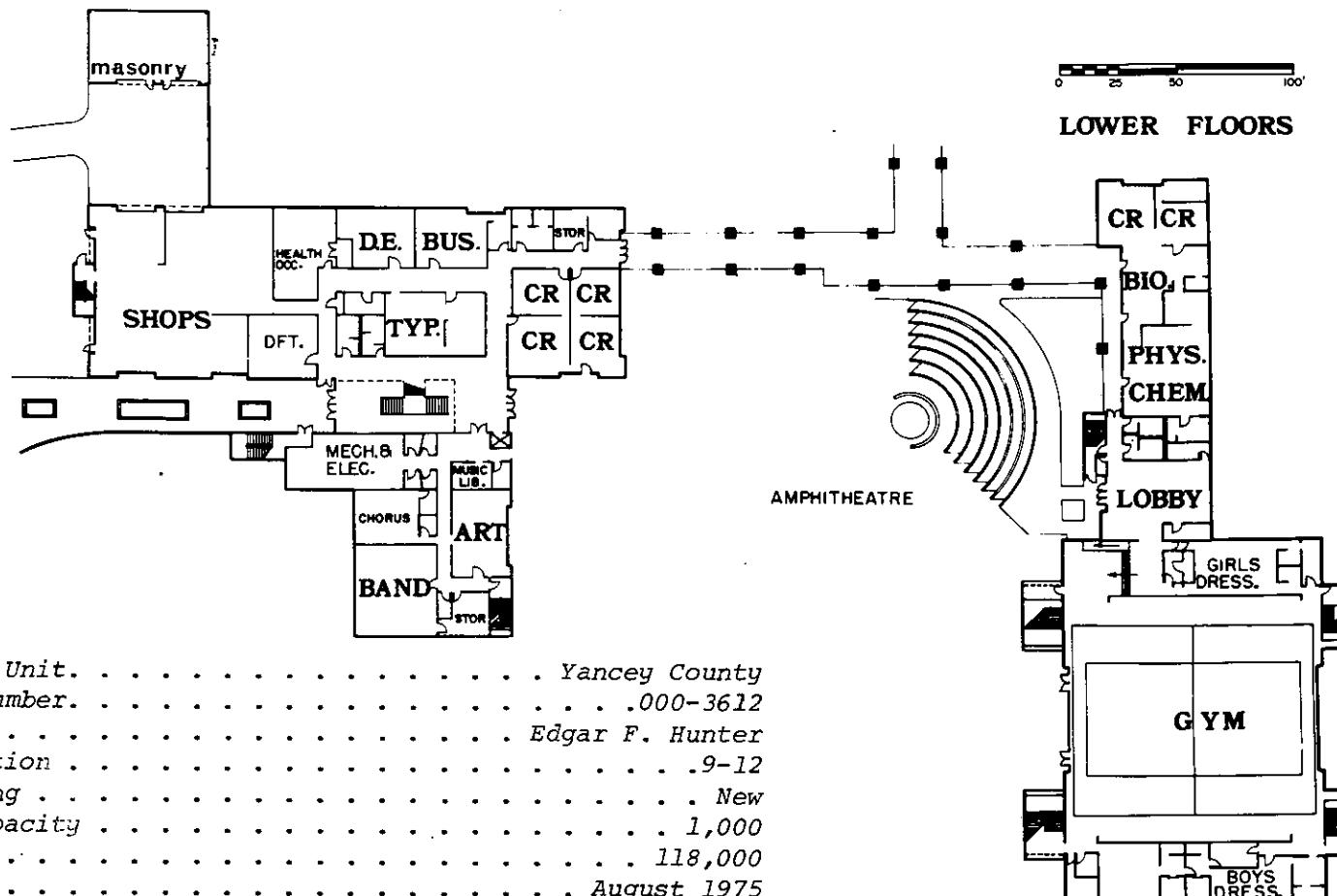
The usual design concept on a site in the mountains begins by bulldozing a flat place for the building. Then the designers plan stock school facilities which would be satisfactory from Murphy to Manteo. This project accepts the site and adapts to it by means of interior and exterior changes of level. The media center is defined by low walls and is visible from many locations. Groups of classrooms are clustered around teacher planning rooms. A small theater with a thrust stage is adjacent to the media center. The exterior building form is very sculptural because of the cluster type floor plan and numerous daylight roof monitors.

| | |
|---------------------------------------|---------------------------------------|
| <i>Administrative Unit</i> | <i>Swain County</i> |
| <i>DSP Property Number</i> | <i>870-3522</i> |
| <i>Superintendent</i> | <i>Max S. Skidmore</i> |
| <i>Grade Organization</i> | <i>9-12</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>850</i> |
| <i>Square Footage</i> | <i>92,000</i> |
| <i>Approval Date</i> | <i>April 1975</i> |
| <i>Architect</i> | <i>Jackson, Padgett and Freeman</i> |
| <i>Structural Engineer</i> | <i>Bernard M. Feinberg</i> |
| <i>Electrical Engineer</i> | <i>K. M. Armstrong and Associates</i> |
| <i>Mechanical Engineer</i> | <i>Mechanical Engineers, Inc.</i> |

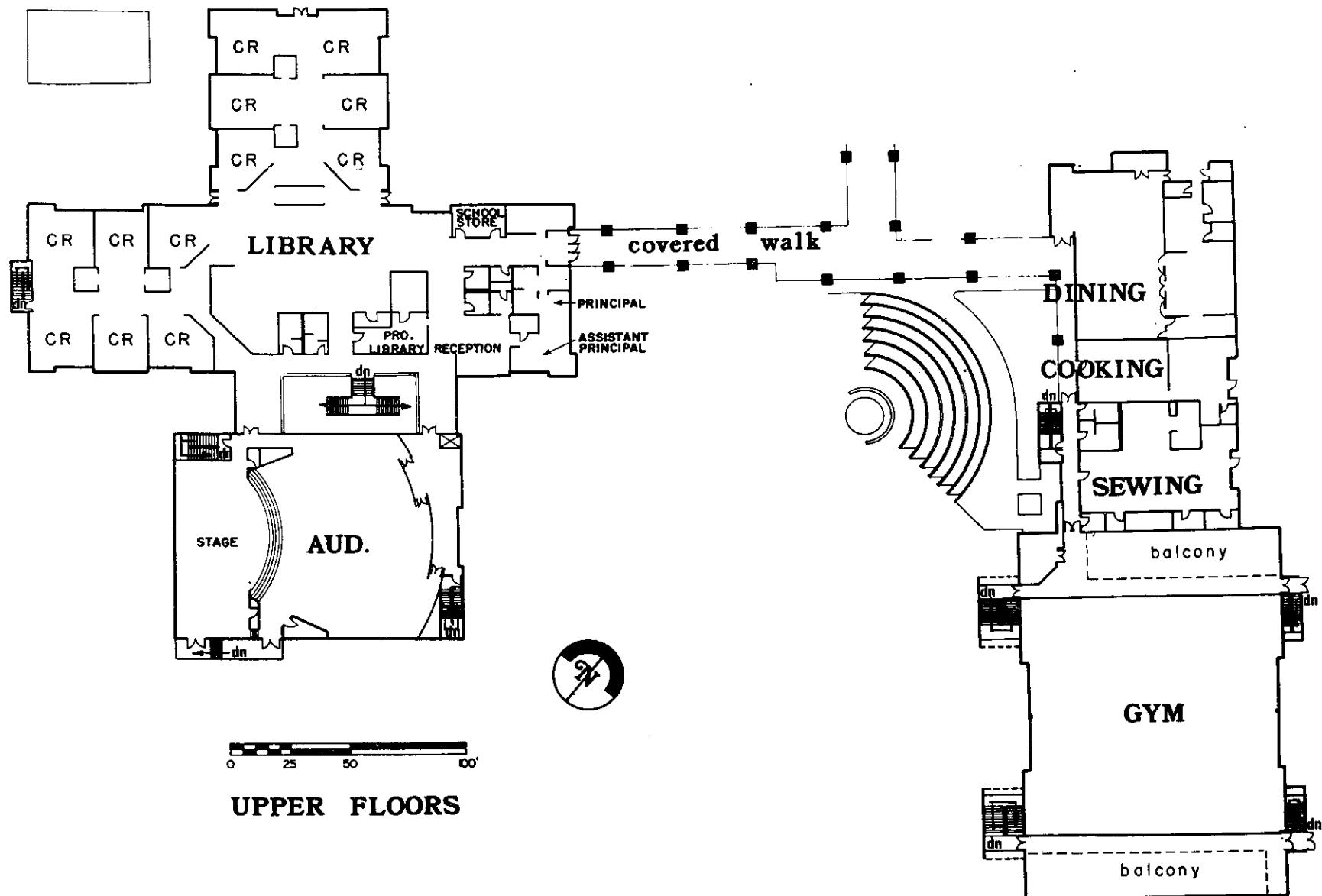
Mountain Heritage High

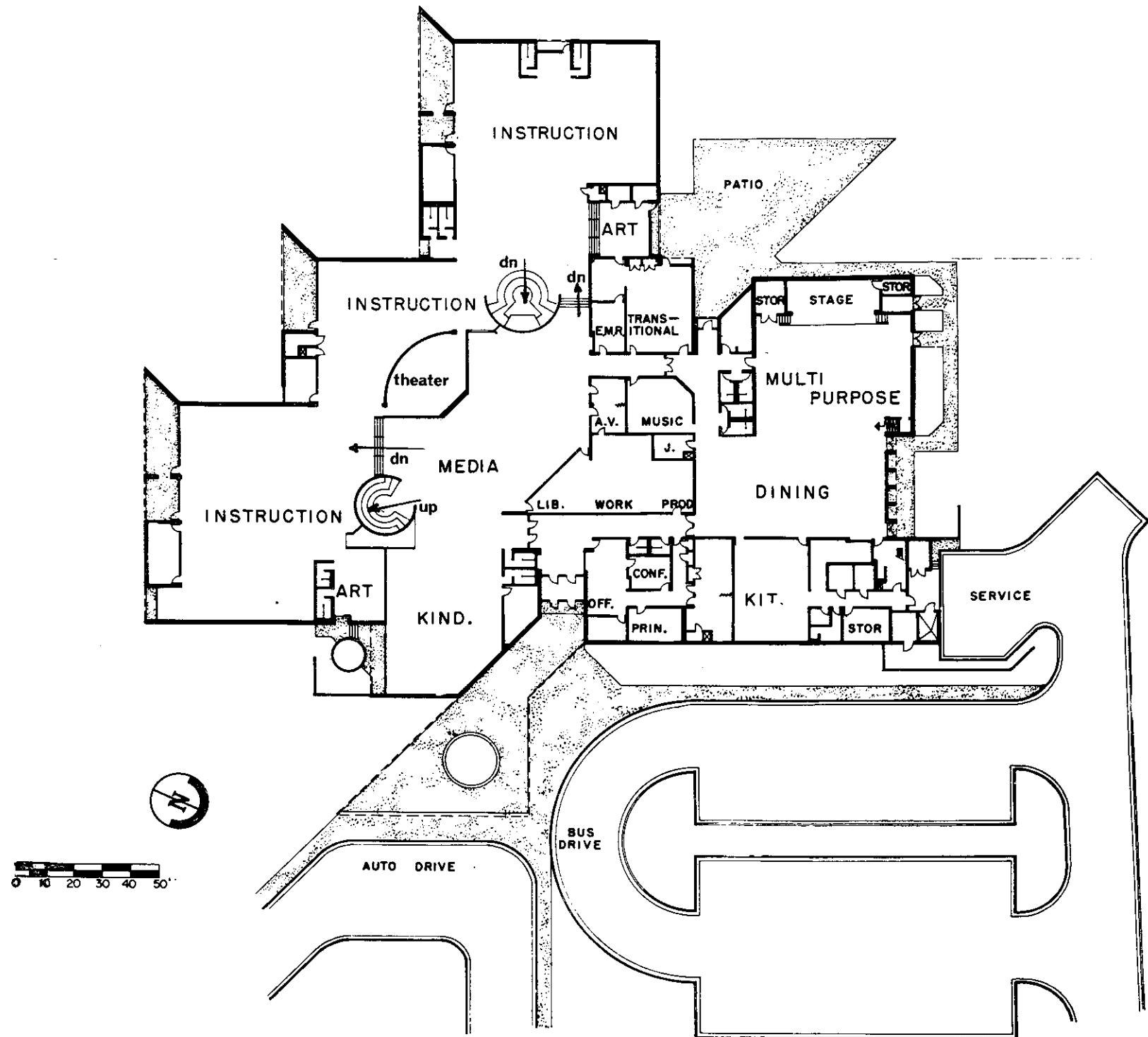
A hilly site in the mountains near Burnsville called for a school on two levels. The educational program suggested partly open classrooms grouped around or near a media center. An auditorium/theater plus an outdoors amphitheater
The two classroom buildings are connected by a covered bridge.

Complete site planning, parking on levels, and thoughtful landscaping have been included as part of the total design concept.



| | | | |
|-----------------------------|-------|-------|---|
| <i>Administrative Unit</i> | ..... | ..... | <i>Yancey County</i> |
| <i>DSP Property Number</i> | ..... | ..... | <i>000-3612</i> |
| <i>Superintendent</i> | ..... | ..... | <i>Edgar F. Hunter</i> |
| <i>Grade Organization</i> | ..... | ..... | <i>9-12</i> |
| <i>Type of Building</i> | ..... | ..... | <i>New</i> |
| <i>Approximate Capacity</i> | ..... | ..... | <i>1,000</i> |
| <i>Square Footage</i> | ..... | ..... | <i>118,000</i> |
| <i>Approval Date</i> | ..... | ..... | <i>August 1975</i> |
| <i>Architect</i> | ..... | ..... | <i>Jackson, Padgett & Freeman</i> |
| <i>Structural Engineer</i> | ..... | ..... | <i>Bernard M. Feinburg</i> |
| <i>Electrical Engineers</i> | ..... | ..... | <i>K. M. Armstrong & Associates</i> |
| <i>Mechanical Engineer</i> | ..... | ..... | <i>Mechanical Engineers, Inc.</i> |

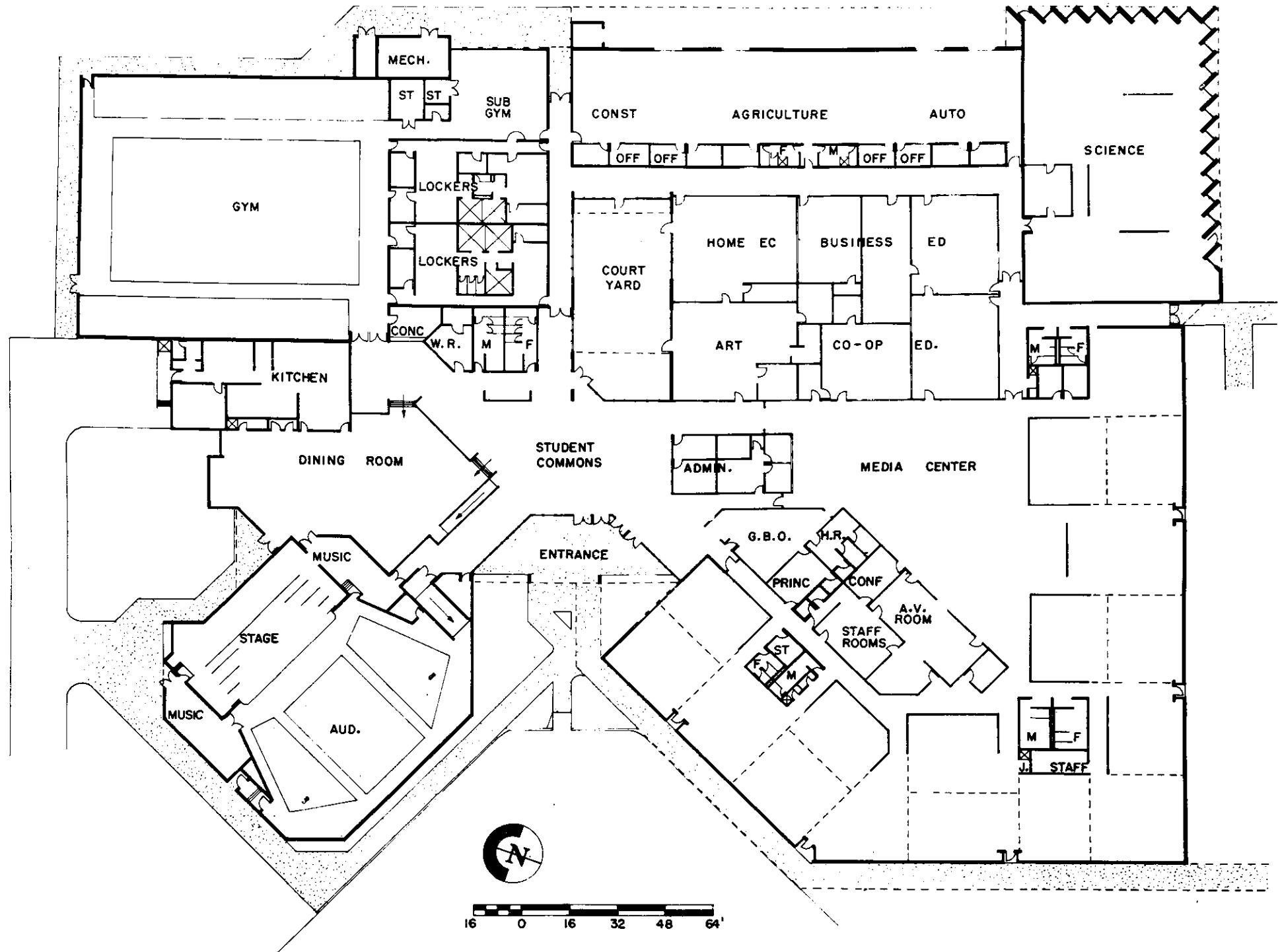




South Elementary

The interior of this school is visually interesting from any point of view. Colorful graphic images, changes of floor level, and sculptural shapes contribute to the delightful environment. It is an appropriate setting for an open education concept as well as for small children. Teachers and children enjoy using the varieties of open and closed spaces. Included are an enclosed little amphitheater, seating cave under the media center, and two other circular stepped seating areas.

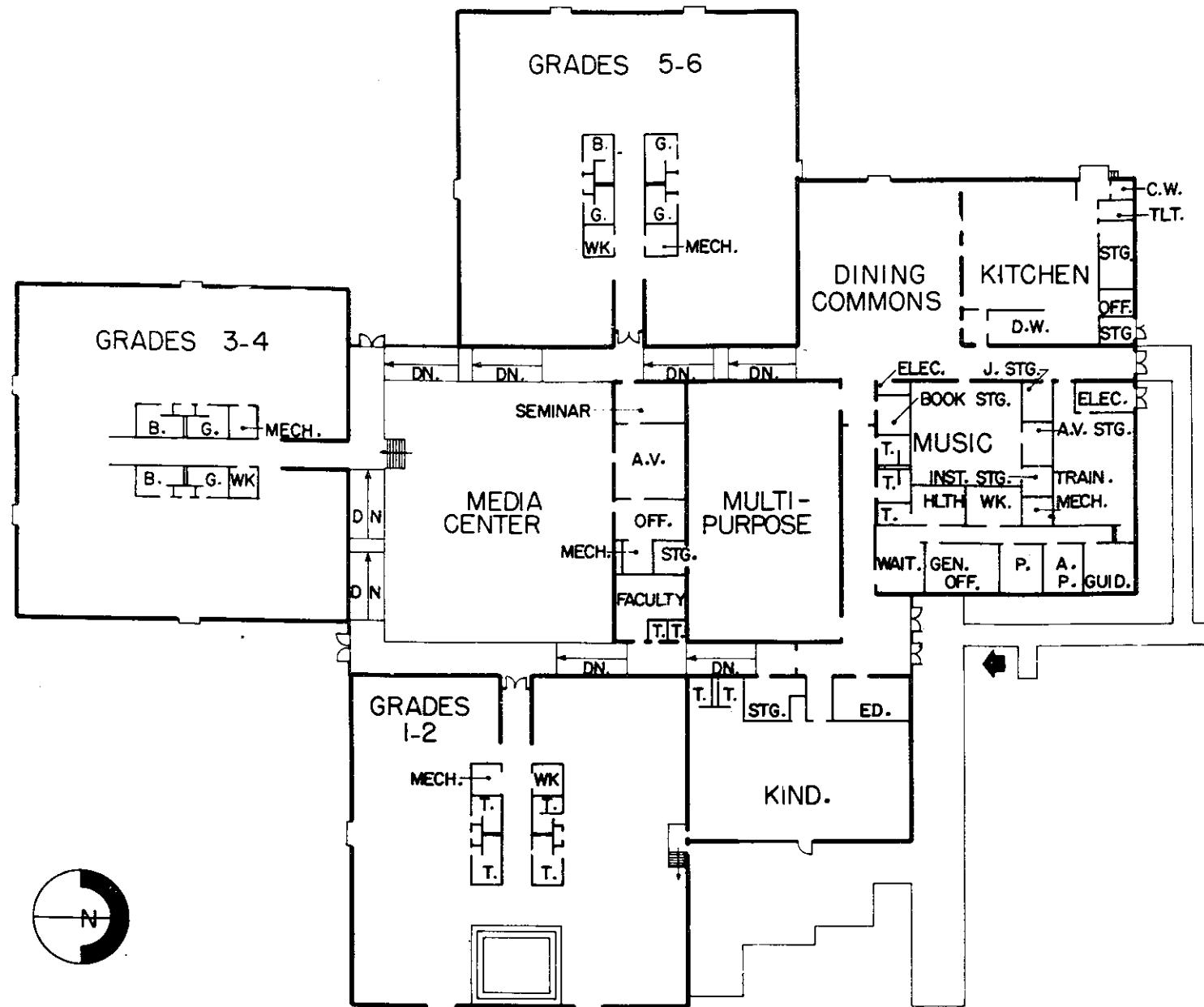
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| <i>Administrative Unit</i> | <i>Mooresville</i> |
| <i>DSP Property Number</i> | <i>491-2263</i> |
| <i>Superintendent</i> | <i>William A. Brown</i> |
| <i>Grade Organization</i> | <i>K-4</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>425</i> |
| <i>Square Footage</i> | <i>42,000</i> |
| <i>Approval Date</i> | <i>February, 1974</i> |
| <i>Architect and Engineers</i> . . | <i>Wilbur, Kendrick, Workman, and Warren</i> |



Currituck County High

The educational specifications suggested a floor plan with a lot of interior flexibility which would adapt to changing patterns of education. So the building is designed to use relocatable and removable partitions. The student commons is planned to serve as a lobby for the gymnasium and auditorium, or as an overflow dining area. The cafeteria is on a lower level. A science suite and vocational shops can be subdivided as needed. Student commons, art lab, home economics open to an inner courtyard.

| | |
|--|---|
| <i>Administrative Unit</i> | <i>Currituck County</i> |
| <i>DSP Property Number</i> | <i>270-3677</i> |
| <i>Superintendent</i> | <i>Lane Presley</i> |
| <i>Grade Organization</i> | <i>9-12</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>900</i> |
| <i>Square Footage</i> | <i>90,000</i> |
| <i>Approval Date</i> | <i>May 1975</i> |
| <i>Architect</i> | <i>Ferebee, Walters, and Associates</i> |
| <i>Structural Engineer</i> | <i>Arthur W. Yates</i> |
| <i>Mechanical and Electrical Engineers</i> | <i>Ferebee, Walters, and Associates</i> |



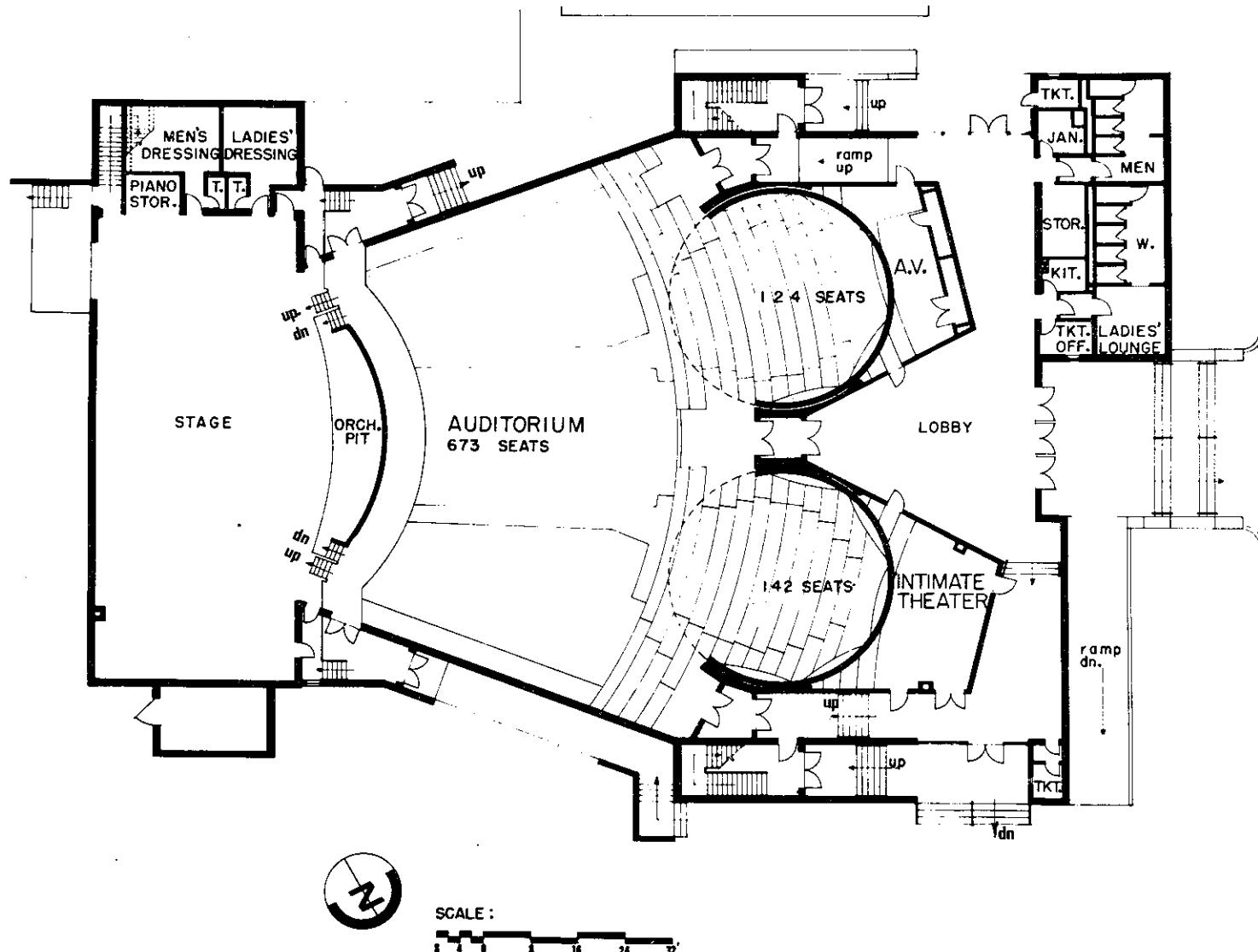
15' 0' 20' 40' 60' 80'

Bruce H. Tharrington Elementary

Here is another cluster plan or house plan. Each self contained house accommodates two grades. Each house has its own toilets, teachers' workroom, mechanical heating and cooling system. All three of the six teacher houses can be divided into conventional classrooms whenever a group of teachers wants separate classrooms or paired teaching stations. The open media center is defined by corridor ramps which allow the building to fit a sloping site. Dining space is walled on three sides. The corridor side is open for maximum flexibility.

The cluster or house plan similar to the one shown here has been used successfully in other parts of North Carolina. Houses of this or similar size and pattern can be easily adapted to many educational programs and trends.

| | |
|--|--|
| <i>Administrative Unit</i> | <i>Mt. Airy</i> |
| <i>DSP Property Number</i> | <i>862-3248</i> |
| <i>Superintendent</i> | <i>Robert E. Chilton</i> |
| <i>Grade Organization</i> | <i>K-6</i> |
| <i>Type of Building</i> | <i>New</i> |
| <i>Approximate Capacity</i> | <i>800</i> |
| <i>Square Footage</i> | <i>60,000</i> |
| <i>Approval Date</i> | <i>October 1973</i> |
| <i>Architect</i> | <i>Fred W. Butner, Jr. Associates</i> |
| <i>Structural Engineer</i> | <i>Sutton, Kennerly and Associates</i> |
| <i>Mechanical and Electrical Engineers</i> | <i>Consultant Engineers Service</i> |

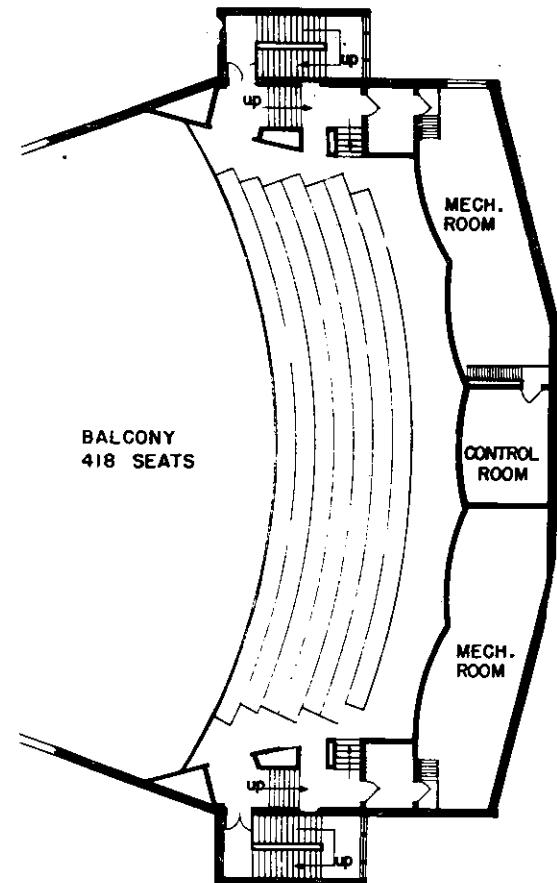


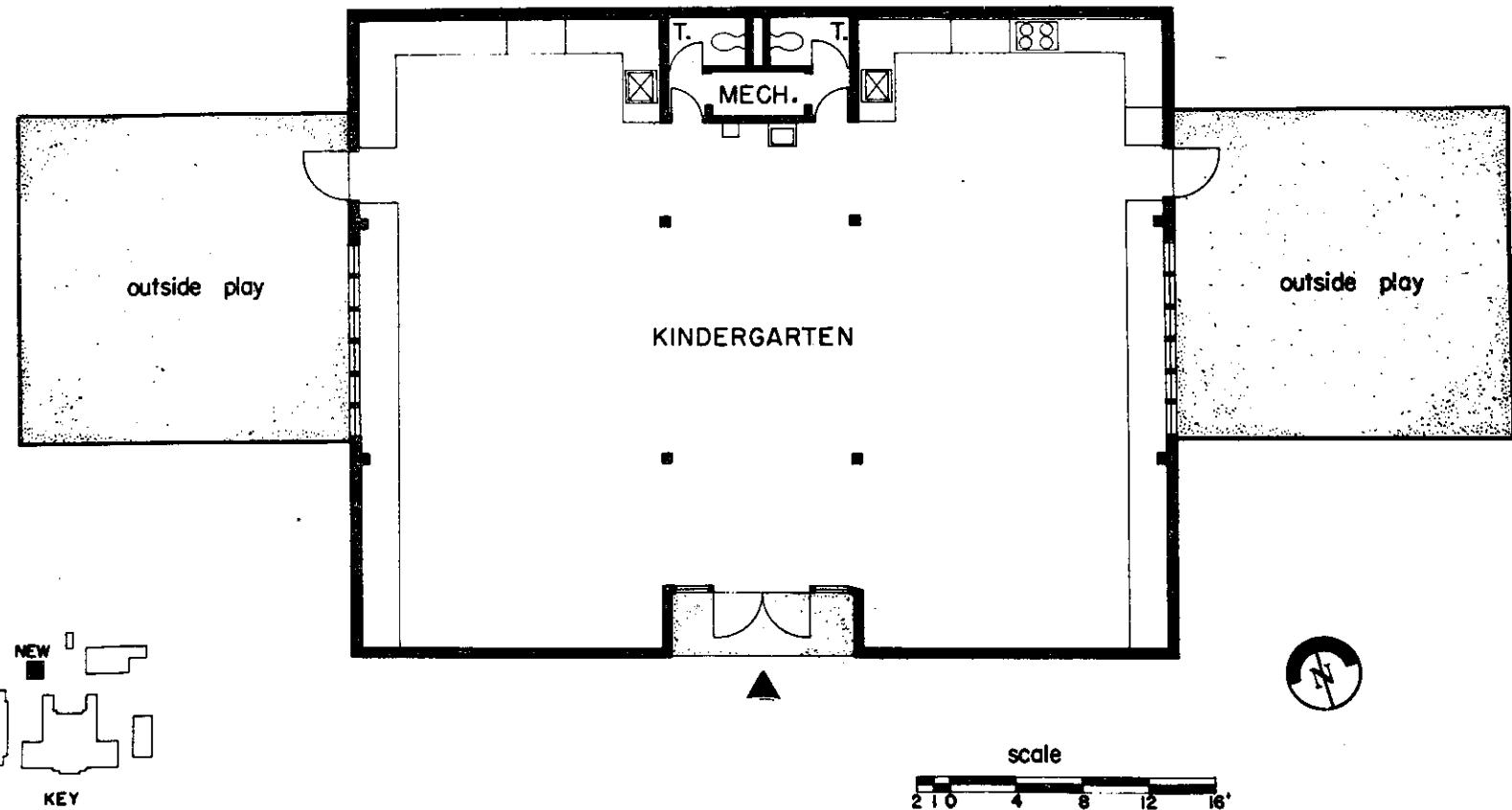
Shelby Senior High Auditorium

The seating capacity is 1357 including a regular balcony and two special seating areas. The two special seating areas make this project unique. Both areas (124 seats and 142 seats) are constructed within circular rotating drums which when closed become acoustically and visually private small theaters. Three separate performances or presentations can be conducted simultaneously without conflicting with each other. All of this was possible within the budget usually assigned to conventional, inflexible, school auditorium projects.

Shelby High

| | |
|--------------------------------|------------------------------|
| Administrative Unit | Shelby |
| DSP Property Number | 232-1485 |
| Superintendent | Malcolm E. Brown |
| Grade Organization | 10-12 |
| Type of Building | Auditorium |
| Approximate Capacity | 1,357 |
| Square Footage | 22,000 |
| Approval Date | March 1974 |
| Architect | Holland and Associates, Inc. |
| Structural Engineer | Joseph E. Hunter |
| Electrical Engineer | J. S. Holladay |
| Mechanical Engineer | J. C. Harrison |

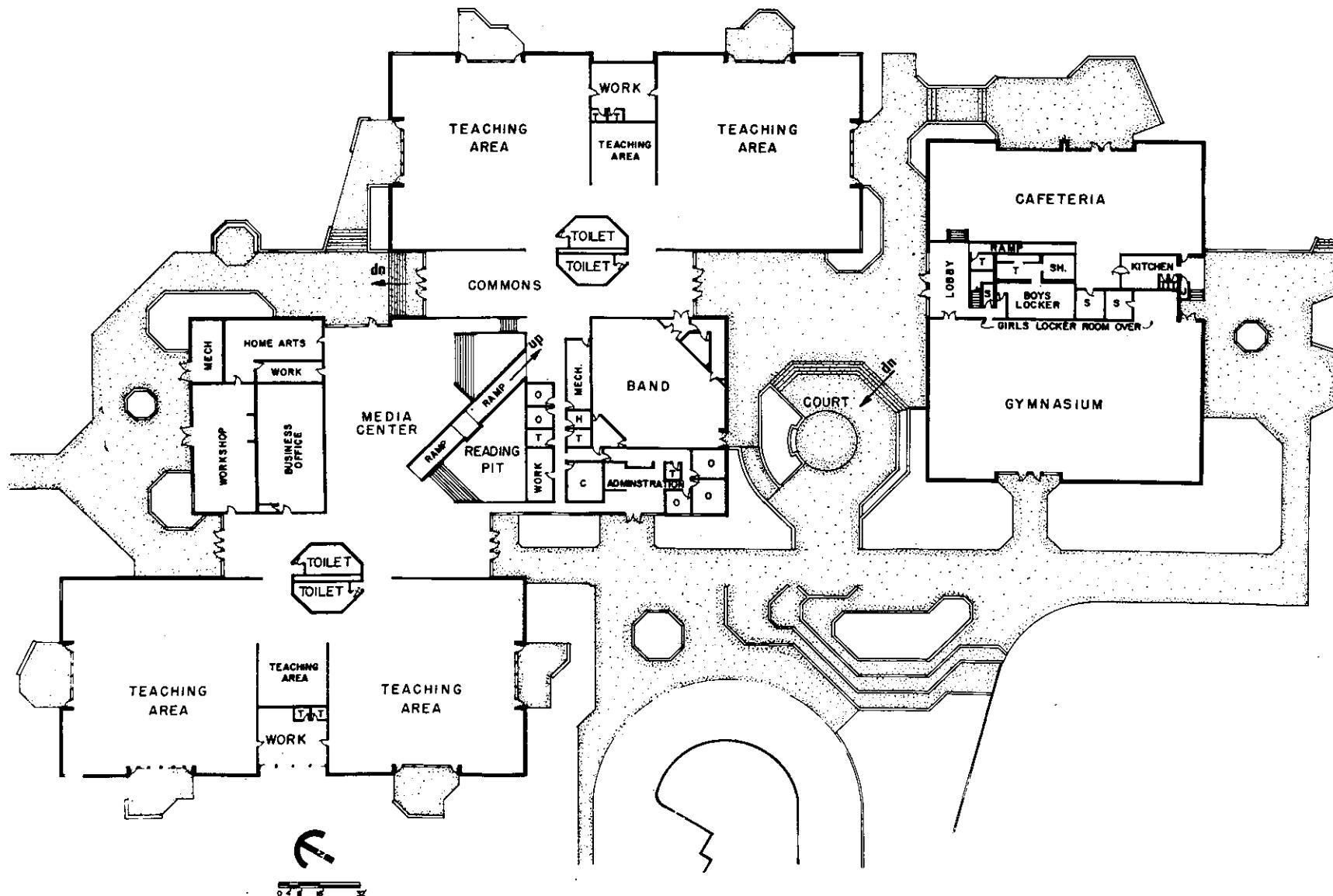




Westmoore Elementary

There have been many specially designed kindergarten buildings and kindergarten additions to regular buildings constructed in North Carolina. Kindergarten facility design has improved considerably since the beginning of the state funded program. The two teacher building shown here is one of several interesting facilities to be seen across the state. It is built of standard wood frame with paneling outside and gypsum wallboard inside. The plane of the sloping roof is expressed inside. The use of economical conventional construction did not limit design possibilities.

| | |
|-----------------------------|------------------------|
| <i>Administrative Unit</i> | Moore County |
| <i>DSP Property Number</i> | .630-2627 |
| <i>Superintendent</i> | R. E. Lee |
| <i>Grade Organization</i> | K-08 |
| <i>Type of Building</i> | Kindergarten Addition |
| <i>Approximate Capacity</i> | 50 |
| <i>Square Footage</i> | 2,000 |
| <i>Approval Date</i> | November 1974 |
| <i>Architect</i> | Austin Associates |
| <i>Structural Engineer</i> | Austin Associates |
| <i>Electrical Engineer</i> | Armstrong & Associates |
| <i>Mechanical Engineer</i> | McKnight & Associates |

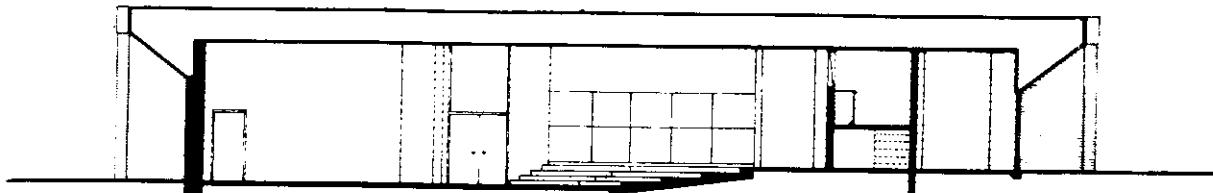


Southern Middle School

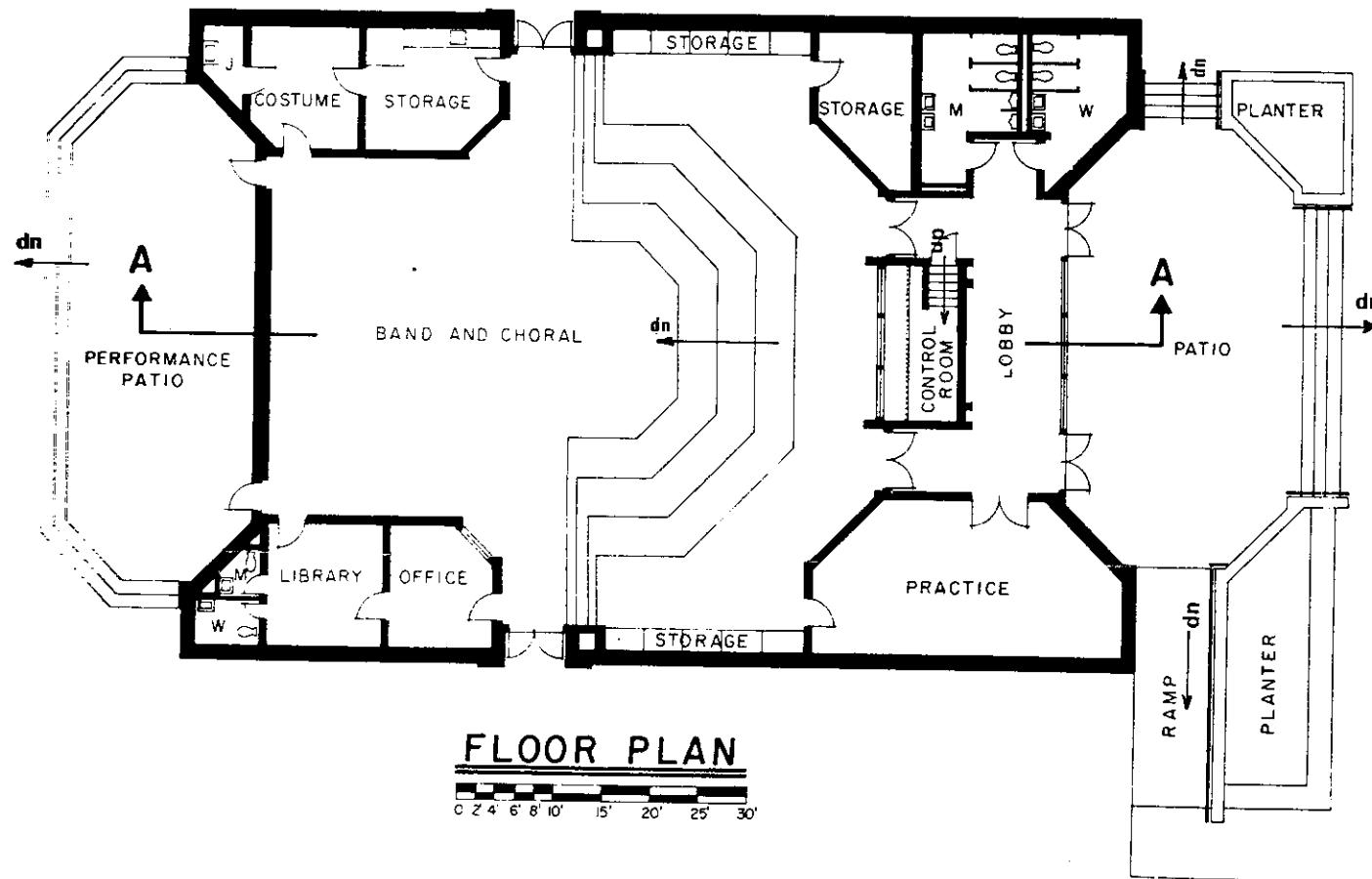
This building plan is one of several in the trend to more flexible interior spaces for middle and junior high schools. Junior high schools, and middle grades schools to a lesser extent, usually have been planned similar to traditional eggcrate elementary or high school plans. Frequently the junior high plan has imitated the high school plan. Maybe this is because it has been difficult for educators to clearly define a suitable educational organization and program for the transescent years of children. Maybe a less rigid plan and environment is a sign that it is better educational planning to recognize the undefinable. This way allows each group of users to pattern and repattern the school plan as needs and circumstances change.

Visitors to Southern Middle School will be interested in the unique indirect lighting system used in all teaching areas, and the bridge in the media center used to connect upper and lower levels of the school.

| | |
|--|-------------------------------|
| Administrative Unit | Alamance County |
| DSP Property Number | 010-1023 |
| Superintendent | Dr. Robert A. Nelson |
| Grade Organization | 6-8 |
| Type of Building | New |
| Approximate Capacity | 900 |
| Square Footage | 73,000 |
| Approval Date | June 1973 |
| Architect | Hayes-Howell & Associates |
| Structural Engineer | William H. Gardner |
| Mechanical and Electrical Engineers | H. L. Buffaloe and Associates |



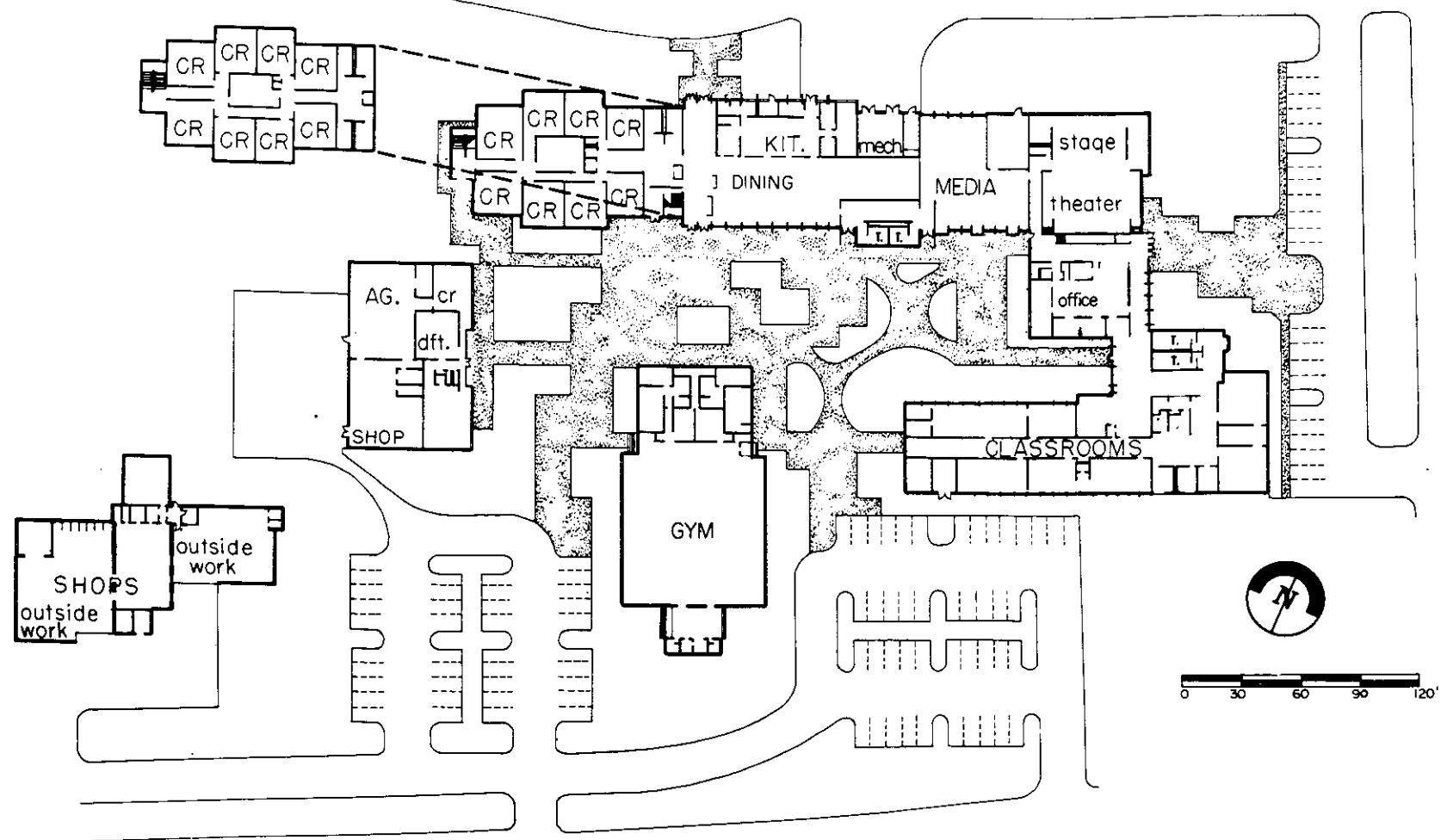
SECTION A-A



Greene County High Music Building

A limited budget indicated about 5,000 square feet of construction. The design program called for a building flexible enough to accommodate choral music, instrumental music, and dramatics. The plan which resulted from these requirements has three basic elements. First is a lobby space which can be used as a public entrance. Next is a stepped seating area which is, also, the music rehearsal room. Last is a large flat area which is a performance arena. The flat area can be separated from the rehearsal area by means of folding doors. A plan similar to this could be developed as a standard for any junior high or senior high which has limited funds and would like to have a combination auditorium and music facility.

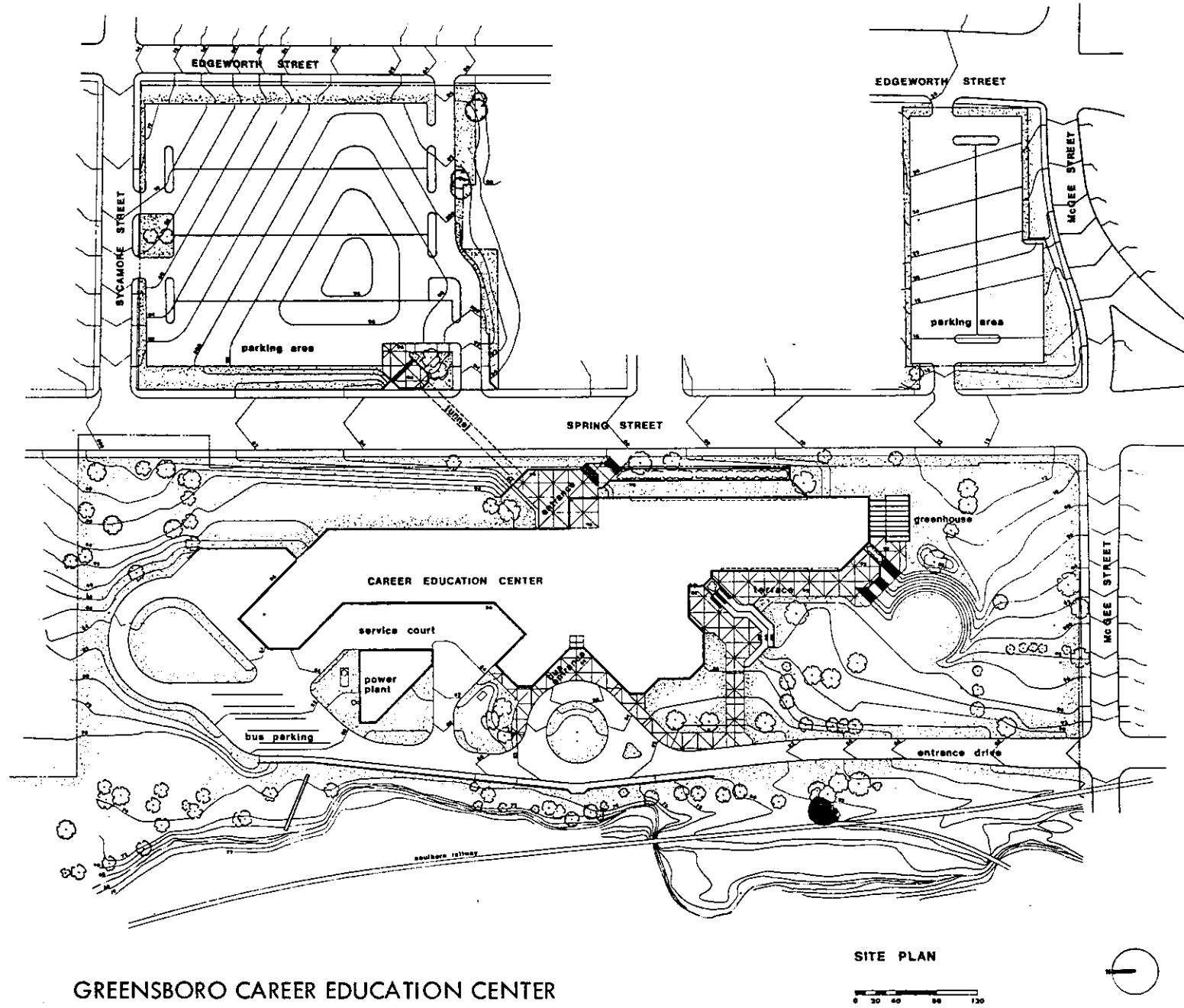
| | |
|---------------------------------------|--|
| <i>Administrative Unit</i> | <i>Greene County</i> |
| <i>DSP Property Number</i> | <i>400-1979</i> |
| <i>Superintendent</i> | <i>George S. Taylor</i> |
| <i>Grade Organization</i> | <i>10-12</i> |
| <i>Type of Building</i> | <i>Addition</i> |
| <i>Approximate Capacity</i> | <i>100 to 200</i> |
| <i>Square Footage</i> | <i>5,900</i> |
| <i>Approval Date</i> | <i>October 1975</i> |
| <i>Architect</i> | <i>Smart, Woodall, Isley and Herring</i> |
| <i>Structural Engineer</i> | <i>Fikri S. Saleh</i> |
| <i>Mechanical and Electrical</i> | |
| <i>Engineers</i> | <i>Heister C. Cease</i> |



North Edgecombe High

The owner's construction program suggested that required new facilities such as a cafeteria, library, and classrooms be used to tie together many of the existing rooms and buildings, also that a new administrative suite and theater contributed to upgrading adjacent existing facilities. All of this has produced a visually interesting and useful high school complex. However, many visitors believe that the fully developed courtyard is the most important element of this campus. It is one of the most attractive features. Many otherwise dull and spiritless campuses or school building clusters could come to life with similar design treatment. Design of this quality is good "public relations" as well as a focus for daily school activites.

| | |
|----------------------------------|---|
| <i>Administrative Unit.</i> | <i>Edgecombe County</i> |
| <i>DSP Property Number.</i> | <i>330-1785</i> |
| <i>Superintendent</i> | <i>Lee R. Hall</i> |
| <i>Grade Organization</i> | <i>9-12</i> |
| <i>Type of Building</i> | <i>1973 Addition</i> |
| <i>Approximate Capacity</i> | <i>700</i> |
| <i>Square Footage</i> | <i>50,000</i> |
| <i>Approval Date.</i> | <i>February 1974</i> |
| <i>Architect</i> | <i>Edwards, Dove, Knight & Associates</i> |
| <i>Structural Engineer</i> | <i>Craig and Abiouness</i> |
| <i>Mechanical and Electrical</i> | |
| <i>Engineers</i> | <i>Fenner and Proffitt, Inc.</i> |



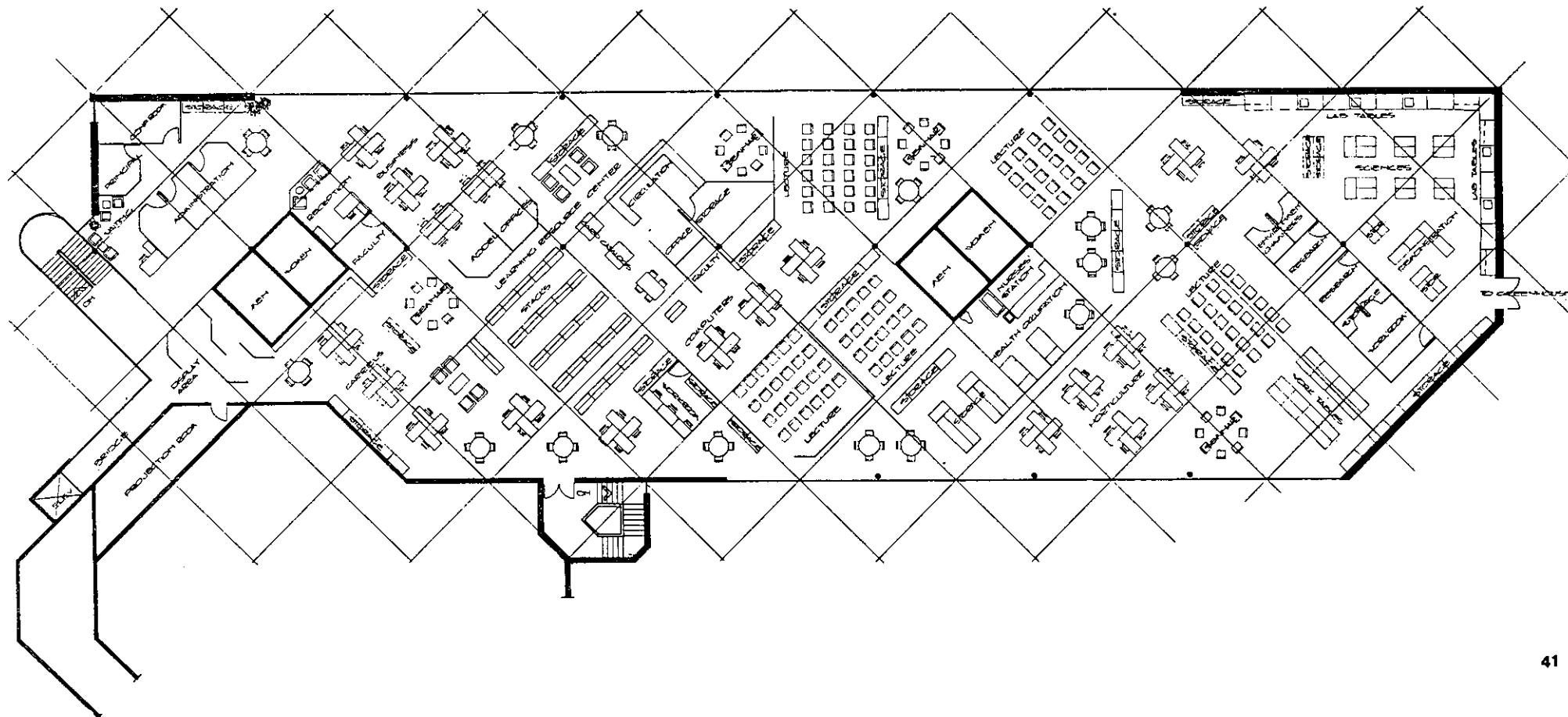
GREENSBORO CAREER EDUCATION CENTER

Greensboro Career Education Center

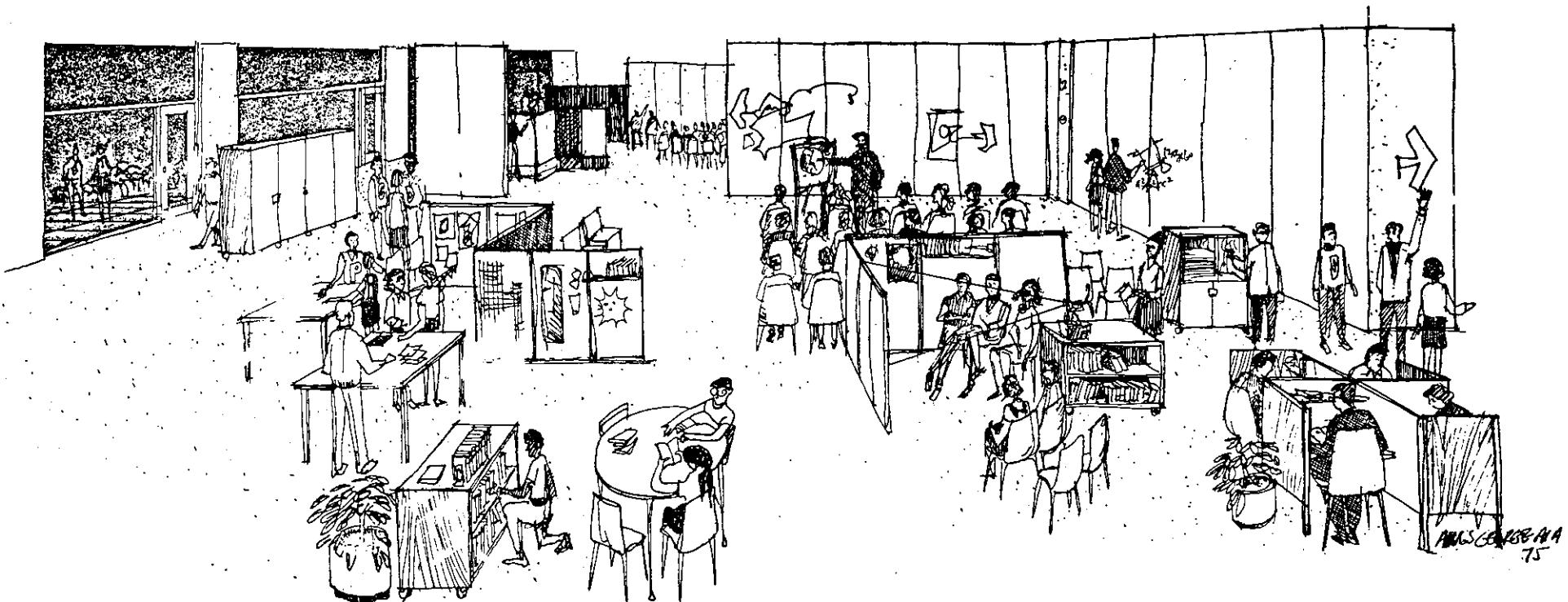
This is one of three new occupational or education centers in North Carolina. Another is in Winston-Salem and the third is in Monroe. All are designed for similar educational concepts. The differences between each center are in the depth and variety of programs offered. Each center serves the entire system within which it is constructed. All are interesting architectural designs and have functional features which aren't ordinarily found in regular occupational, science or arts programs.

The Greensboro Center is located in the downtown area. Characteristic parking problems required that additional parking lots be developed. The major parking is connected to the school by means of a pedestrian tunnel under busy Spring Street.

The building structural system consists of a reinforced concrete frame, precast concrete walls, prestressed concrete double tees for floors and some roofs. Most interior spaces can be divided as required by educational programs. High ceiling shop areas can be horizontally divided by adding a second floor if necessary. Architects sketches show the design intent for several of the interior spaces.

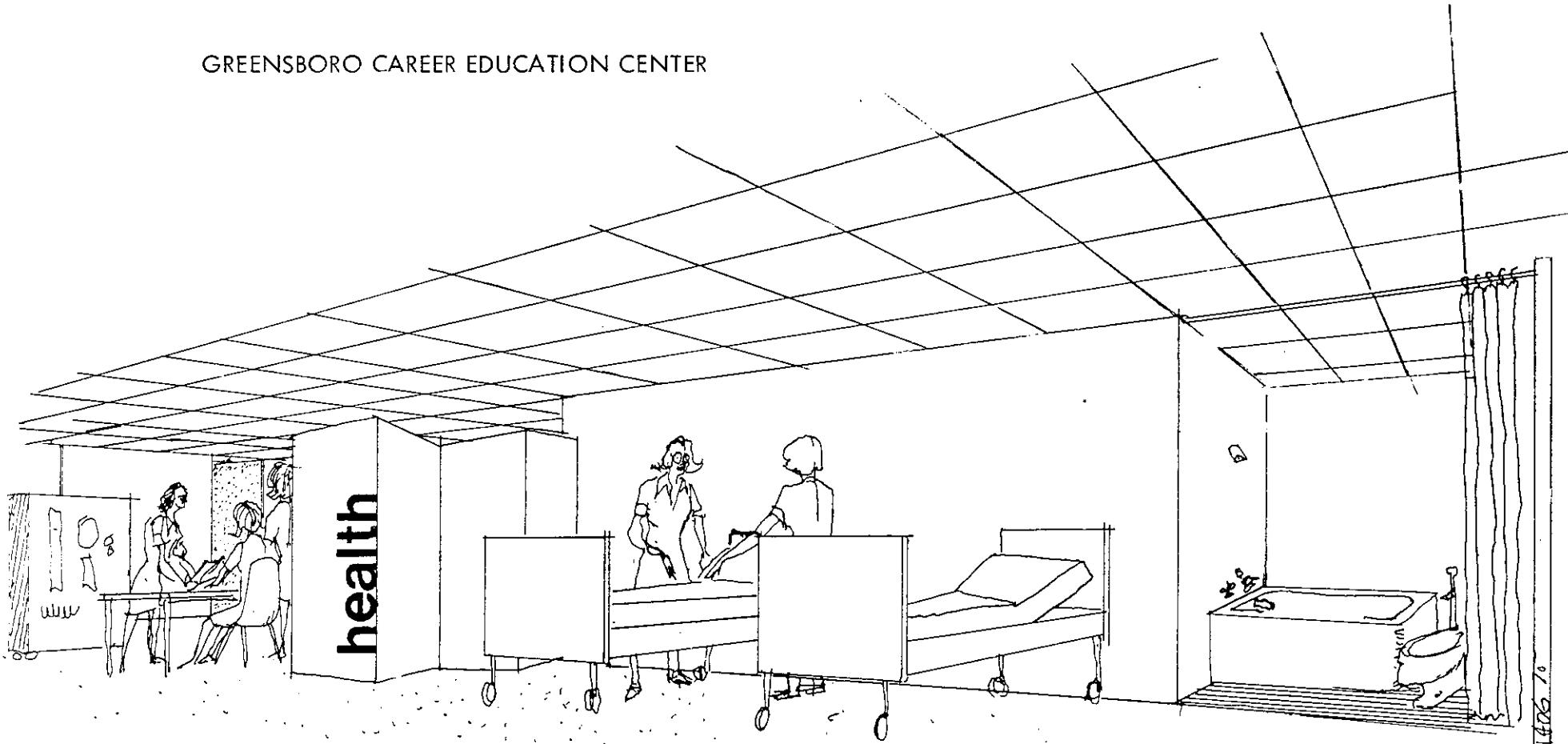


GREENSBORO CAREER EDUCATION CENTER



Open Concept

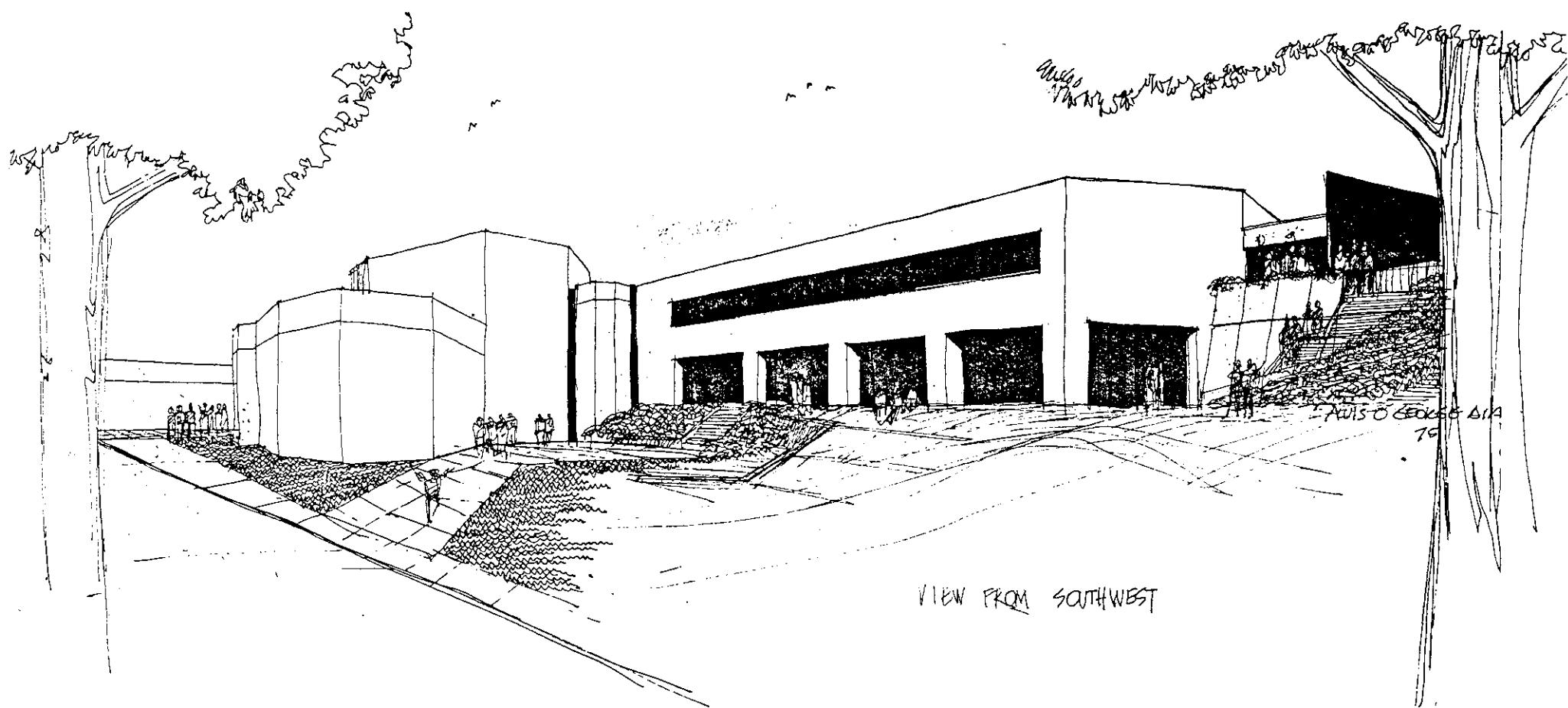
GREENSBORO CAREER EDUCATION CENTER



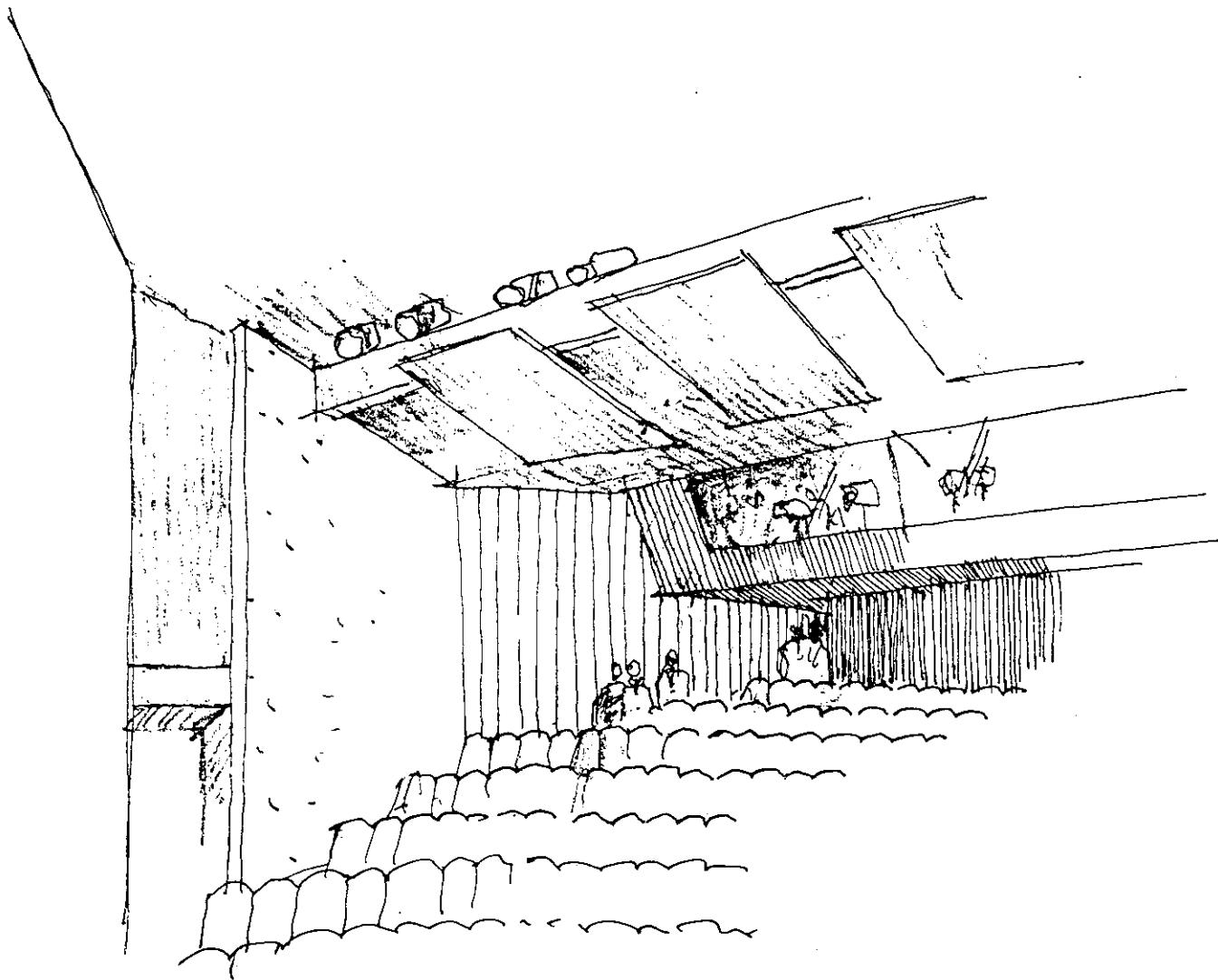
| | |
|-------------------------------|-----------------------------------|
| Administrative Unit | Greensboro |
| DSP Property Number | 411-3714 |
| Superintendent | Dr. W. J. House |
| Grade Organization | 10-12 |
| Type of Building | New |
| Square Footage | 100,000 |
| Approval Date | June 1976 |
| Architect | J. Hyatt Hammond Associates, Inc. |
| Structural Engineer | W. A. Hammond |
| Mechanical Engineer | Leonard H. Owen |
| Electrical Engineer | W. H. Johnson |

Skills Area

GREENSBORO CAREER EDUCATION CENTER



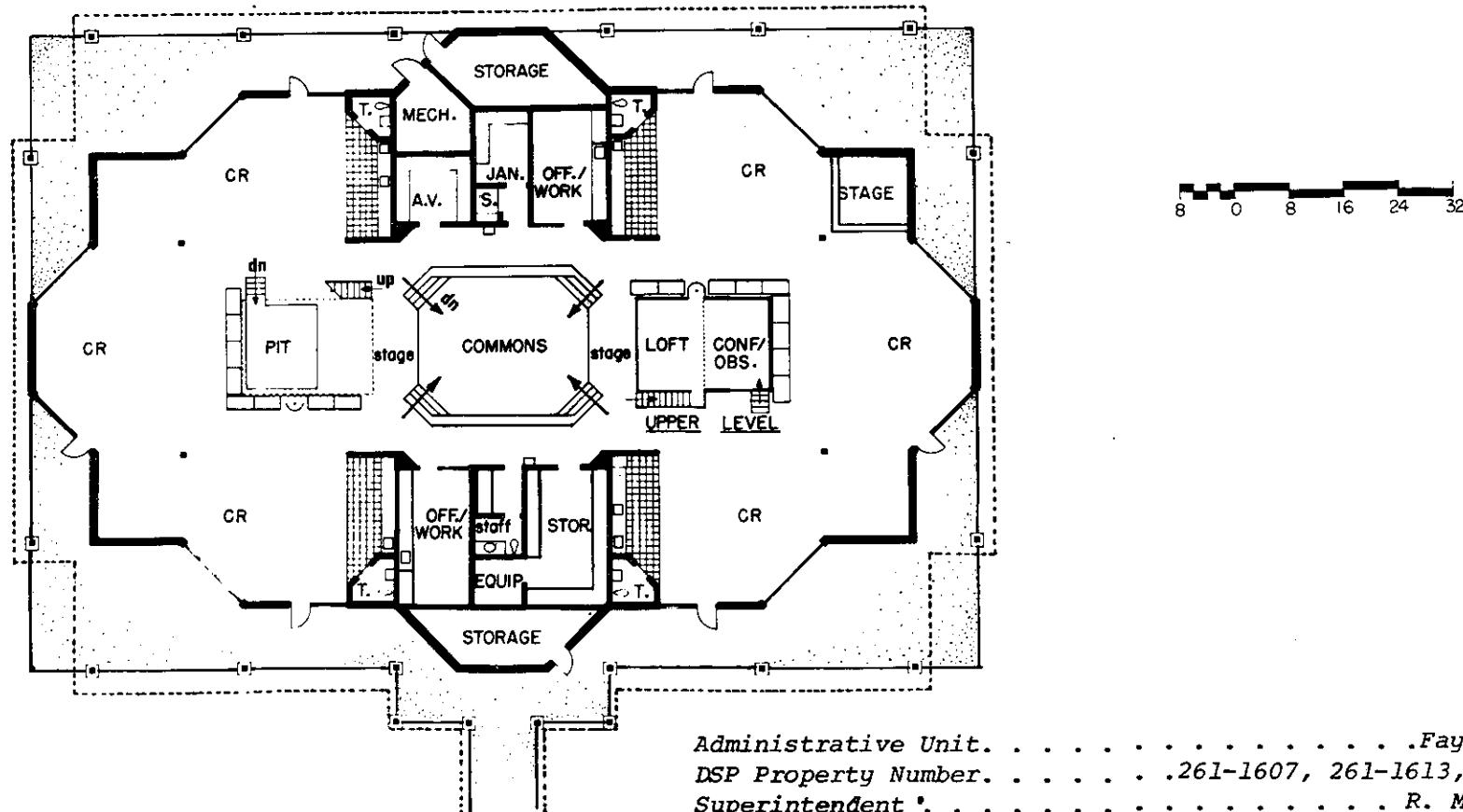
VIEW FROM SOUTHWEST



Theater

Fayetteville Kindergartens

The architects were directed to plan a small and architecturally interesting building which could be used on more than one site. This plan is the result. It contains eight classes in a low eaved, gabled roof, steel frame structure. Both ends have play pits and tree houses. The central sunken area and support rooms are shared by all. Interior overhead space follows the roof shape.



| | |
|---|-------------------------------|
| Administrative Unit | Fayetteville |
| DSP Property Number | 261-1607, 261-1613, 261-1614 |
| Superintendent | R. Max Abbott |
| Grade Organization | K-03 |
| Type of Building | Addition |
| Approximate Capacity | 210 |
| Square Footage | 9,600 |
| Approval Date | April 1974 |
| Architect | Macmillan & Macmillan |
| Structural Engineer | B. R. Huskie |
| Mechanical and Electrical Engineers | H. L. Buffaloe and Associates |

New Schools Bid From 1969 to 1976

| | <u>Unit</u> | <u>School</u> | <u>Capacity</u> |
|----------------|---------------------|-----------------------------|-----------------|
| 1969-70 | | | |
| Elementary: | Alamance Co. | Haw River | 300 |
| | Alamance Co. | North Graham | 600 |
| | Chapel Hill City | Elizabeth Seawell | 360 |
| | Cumberland Co. | Ponderosa | 720 |
| | Cumberland Co. | Rockfish | 690 |
| | Davie Co. | Mocksville | 720 |
| | Davie Co. | Pinebrook | 540 |
| | Fairmont City | Fairmont | 378 |
| | Gaston Co. | Belmont Central | 855 |
| | Guilford Co. | Western | 460 |
| | High Point City | Shady Brook | 648 |
| | Iredell Co. | East Iredell | 800 |
| | Richmond Co. | West Rockingham | 515 |
| Middle: | Alamance Co. | Woodlawn | 900 |
| Junior High: | Gaston Co. | William C. Friday | 870 |
| | McDowell Co. | West McDowell Junior | 900 |
| | New Bern City | H. J. MacDonald | 1,440 |
| Senior High: | Bladen Co. | East Bladen | 875 |
| | Craven Co. | Havelock | 1,000 |
| | Craven Co. | West Craven | 1,000 |
| | Gaston Co. | Ashbrock | 1,880 |
| | Gaston Co. | North Gaston | 1,200 |
| | Guilford Co. | Ragsdale | 450 |
| | Hertford Co. | Ahoskie | 1,200 |
| | Hertford Co. | Murfreesboro | 800 |
| | McDowell Co. | McDowell Senior | 1,500 |
| | Pitt Co. | Ayden Grifton | 850 |
| | Pitt Co. | Farmville Central | 1,050 |
| | Randolph Co. | Southwestern | 600 |
| 1970-71 | | | |
| Elementary: | Buncombe Co. | Glen Arden | 600 |
| | Gaston Co. | Ida A. Rankin | 850 |
| | Watauga Co. | Hardin Park | 1,300 |
| Middle: | Hendersonville City | Hendersonville Intermediate | 550 |
| Junior High: | Henderson Co. | Flat Rock Junior High | 750 |
| | Henderson Co. | Rugby | 750 |

| <u>Unit</u> | <u>School</u> | <u>Capacity</u> | |
|--------------|----------------|-------------------------|-------|
| Senior High: | Brunswick Co. | Northern Brunswick High | 750 |
| | Brunswick Co. | Southern Brunswick High | 750 |
| | Brunswick Co. | West Brunswick High | 1,000 |
| | Burke Co. | Freedom | 1,560 |
| | Chatham Co. | Northwood | 1,200 |
| | Cumberland Co. | Douglas Byrd Senior | 1,460 |
| | Cumberland Co. | South View | 1,250 |
| | Cumberland Co. | Pine Forest | 1,375 |
| | Gaston Co. | East Gaston | 1,200 |
| | Halifax Co. | Northwest | 450 |
| | Hickory City | Hickory High | 1,600 |
| | Hyde Co. | Ocracoke | 75 |

1971-72

| | | | |
|--------------|------------------|-----------------------------|-------|
| Elementary: | Cabarrus Co. | Mt. Pleasant | 405 |
| | Chapel Hill City | Ephesus Road | 440 |
| | Duplin Co. | Rose Hill-Magnolia | 960 |
| | Jackson Co. | Fairview | 986 |
| Middle: | Catawba Co. | H. M. Arndt | 600 |
| Senior High: | Burke Co. | East Burke High | 1,560 |
| | Madison Co. | Madison County Consolidated | 1,000 |
| | Martin Co. | Williamston | 855 |

1972-73

| | | | |
|--------------|------------------|--------------------------|-------|
| Elementary: | Duplin Co. | North Duplin | 590 |
| | Gaston Co. | Page Elementary | 325 |
| | Martin Co. | Jamesville | 575 |
| | Rowan Co. | North Rowan | 1,100 |
| | Union Co. | Hemby Bridge | 750 |
| Middle: | Alamance Co. | Southern Middle | 900 |
| Junior High: | Durham Co. | Charles H. Chewning | 700 |
| | Lincoln Co. | East Lincoln Junior High | 925 |
| | Lincoln Co. | West Lincoln Junior High | 925 |
| | Thomasville City | Thomasville Junior High | 900 |
| Senior High: | Buncombe Co. | A. C. Reynolds | 1,800 |
| | Guilford Co. | Eastern Guilford | 1,057 |
| | Iredell Co. | West Iredell High | 1,000 |

| | <u>Unit</u> | <u>School</u> | <u>Capacity</u> |
|--------------|--|--|---|
| 1973-74 | | | |
| Elementary: | Brunswick Co. Burlington City Cabarrus Co. Davidson Co. Duplin Co. Duplin Co. Elkin City Guilford Co. Haywood Co. Martin Co. Mooresville City Mount Airy City Orange Co. Transylvania Co. Transylvania Co. | Southport Primary Harvey R. Newlin West Cabarrus Arcadia-Reedy Creek Wallace Warsaw Elkin Alamance Primary East Waynesville-Lake Junaluska Williamston Primary South Elementary South Elementary Grady A. Brown Brevard Elementary Rosman Elementary | 624 778 1,000 850 1,200 1,100 614 500 798 648 500 800 808 1,084 664 |
| Middle: | Transylvania Co. Union Co. Union Co. Union Co. | Brevard Middle Parkwood Middle Piedmont Middle Sun Valley Middle | 1,206 750 750 750 |
| Junior High: | Cumberland Co. Cumberland Co. Cumberland Co. Davidson Co. Kings Mountain City Wake Co. Wake Co. | Douglas Byrd Junior High Southview Junior High Westover Junior High E. Lawson Brown Kings Mountain Junior High East Millbrook Junior Maynard Road Junior High | 1,200 884 1,080 600 850 1,000 1,000 |
| Senior High: | Buncombe Co. Davidson Co. Jackson Co. Lincoln Co. Martin Co. Pender Co. Pender Co. Randolph Co. Wake Co. Wake Co. | Clyde Erwin High Ledford Senior High Blue Ridge Lincolnton High Roanoke Central Pender Topsail High Randleman Fuquay Senior Apex Senior High | 1,800 850 750 850 850 360 970 800 800 |

| | <u>Unit</u> | <u>School</u> | <u>Capacity</u> |
|--------------|-----------------|-----------------------------|-----------------|
| 1974-75 | | | |
| Elementary: | Burlington City | R. Homer Andrews | 778 |
| | Catawba Co. | Charles H. Tuttle | 650 |
| | Catawba Co. | Webb A. Murray | 600 |
| | Goldsboro City | North Drive | |
| | Granville Co. | Butner | |
| | Granville Co. | Creedmoor | 416 |
| | Guilford Co. | Southern Primary | 400 |
| | High Point City | Oak Hill | |
| | New Hanover | Emma B. Trask | |
| | New Hanover | Mary C. Williams | |
| | McDowell Co. | Eastfield | 500 |
| | Rowan Co. | Knollwood | 650 |
| | Stokes Co. | Germanton | |
| | Wake Co. | Lynn Road | 812 |
| | Wake Co. | Millbrook | |
| | Winston/Forsyth | Hall-Woodward | 700 |
| Middle: | Alexander Co. | West Middle | 420 |
| | Monroe City | Monroe Middle | 800 |
| | Pitt Co. | Belvoir-Stokes-Pactolus | 520 |
| | Pitt Co. | Farmville | 520 |
| | Surry Co. | North Surry | 900 |
| Junior High: | Cleveland Co. | Burns | 1,300 |
| | Cleveland Co. | Crest | 1,300 |
| | Durham Co. | South Eastern | 600 |
| | Forsyth Co. | Southeast | 671 |
| | Johnston Co. | Smithfield Junior High | 825 |
| | Onslow Co. | Swansboro | 333 |
| | Wake Co. | West Millbrook | |
| Senior High: | Caldwell Co. | South Caldwell | 1,200 |
| | Clinton City | Clinton | 1,000 |
| | Currituck Co. | Currituck | 900 |
| | New Hanover Co. | Laney High | 1,200 |
| | Onslow Co. | Southwest Junior-Senior | 700 |
| | Swain Co. | Swain Co. High | |
| | Winston/Forsyth | Career Center | 1,200 |
| | Winston/Forsyth | South Park (special school) | 600 |
| | Yancey Co. | Mountain Heritage | 850 |

| | <u>Unit</u> | <u>School</u> | <u>Capacity</u> |
|--------------|-----------------------|-------------------------|-----------------|
| 1975-76 | | | |
| Elementary: | Bladen Co. | New Elementary | 400 |
| | Buncombe Co. | Haw Creek | 820 |
| | Chatham Co. | New Elementary | 750 |
| | Gaston Co. | Bessemer City West | 500 |
| | Gaston Co. | Myrtle | 700 |
| | Goldsboro City | North Drive | 900 |
| | Granville Co. | West Oxford | 750 |
| | Guilford Co. | Northeast | 500 |
| | Lexington City | New Elementary | 400 |
| | Madison/Mayodan | Madison-Mayodan Primary | 250 |
| | Charlotte/Mecklenburg | Piney Grove | 360 |
| | Charlotte/Mecklenburg | Sharon | 690 |
| | Salisbury City | Harold Isenberg | 350 |
| | Stanly Co. | Stanfield | 325 |
| | Winston/Forsyth | Thomas H. Cash | 700 |
| Middle: | Craven Co. | West Craven | 750 |
| | Fayetteville City | Raeford Road | 1,000 |
| | Fayetteville City | Ramsey Street | 1,000 |
| | Iredell Co. | West Iredell | 600 |
| | Macon Co. | Macon Middle | 500 |
| | Newton-Conover | Newton-Conover | 750 |
| | Randolph Co. | Archdale/Trinity | 1,150 |
| Junior High: | Charlotte/Mecklenburg | Northeast | 890 |
| | Sanford-Lee | East | 850 |
| | Sanford-Lee | West | 850 |
| Senior High: | Caldwell Co. | West Caldwell | 1,000 |
| | Cumberland Co. | Westover | 1,100 |
| | Greensboro City | Career Center | 1,500 |
| | Harnett Co. | Harnett Central | 1,200 |
| | Harnett Co. | Western Harnett | 1,000 |
| | Mitchell Co. | Mitchell | 894 |
| | Rockingham Co. | Rockingham | 1,000 |
| | Union Co. | Career Center | 300 |

