

Phale Hale

RECOMMENDED REVISIONS IN
THE FACILITIES RENOVATION REQUIREMENTS
FOR THE
LONG-RANGE MAGNET SCHOOL PLAN

JULY 2, 1987

INTRODUCTION

These are revised recommendations for magnet school renovations. They only outline the renovations necessary for the implementation of the magnet themes. They are in addition to the normal facilities for a school. Hence, it is assumed that each school will have the appropriate complement of classrooms, offices, gyms, etc.

The square footage specified in these recommendations are approximate. They are for the purpose of providing the Court with cost estimate related to the implementation of the magnet plan. Further specifications in the actual design phase must take into account the realities of the space available in the various buildings, instructional designs, and program priorities in designating space allocations.

HIGH SCHOOLS

SOUTHWEST HIGH SCHOOL

THEME: Science Math

1600 Students

Office Space:

1. Office space for a Program Administrator (150 sq. ft.). This should be a moderate office with a work space and enough room for a small conference table.

2. Office spaces for a Curriculum Coordinator (225 sq. ft.). This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Classroom Areas:

Transition Rooms. Two and one-half (2 1/2) regular classrooms should be converted for use by five (5) transition teachers.

Every regular classroom should be wired for fifteen microcomputers that can be networked or used as stand alones. There are numerous computers scheduled to be bought for this school. Every classroom should be air conditioned, secure, and alarm protected.

Specialty Areas:

3. Biology Lab (1875 sq. ft.). This room should be wired for thirteen (13) electrified lab tables. There should be sufficient storage for twenty-six microscopes and other supplies.

4. Chemistry Lab (1875 sq. ft.). The room should be wired for thirteen (13) electrified and gas tables. There should be sufficient storage for chemicals, glassware, etc.

5. Physics Lab (1875 sq. ft.). The room should be wired for thirteen (13) electrified tables. There should be sufficient storage for physics equipment and supplies.

6. Computer Lab (2,000 sq. ft.). The room should be wired for twenty-six (26) microcomputers that can be networked or used as stand alones. The room should be air conditioned and treated for sound. The room should be secure and alarm protected. This area should include an individual computer lab which is separate from the class for individual and independent instruction. This lab (500 sq. ft.) should be wired for eight computers.

7. There should be a Planetarium (2,000 sq. ft.). This will require special wiring and light treatment of the room. It should accommodate at least sixty persons. The room should also be air conditioned, secured, and alarm protected.

8. There should be a Science Library (1,200 sq. ft.). This area should be complete with shelving, study carrels, and large tables.

9. There should be a Greenhouse (2,000 sq. ft.). This area should be similar to the one at Center High School, with all proper facilities. The Greenhouse should include an area to be used as a vivarium.

10. There should be an individual projects lab of 1200 sq. ft. This room should be equipped with lockers where students can secure their projects.

EAST HIGH SCHOOL

THEME: Environmental Science
Agribusiness

1300 Students

Office Space:

1. Office space for two Program Administrators (150 sq. ft. each). These should be moderate offices with a work space and enough room for a small conference table.
2. Office spaces for two Curriculum Coordinators (225 sq. ft. each). These offices should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Classroom Areas:

Transition Rooms. Two and one-half (2 1/2) regular classrooms should be converted for use by five (5) transition teachers.

Specialty Areas:

Agribusiness:

1. There should be a twenty-five acre Farm as part of this program. The farm should be a working farm with a barn for animal and equipment storage. An air conditioned meeting room that will accommodate one-hundred, four (104) people should be on the premises. There should be a kitchen and cafeteria that will accommodate one-hundred, four (104) people. There should be black topped parking for twenty-five (25) cars and four (4) school buses. There should be a shop for equipment repair and proper fencing for the farm animals. In addition, there needs to be a small apartment for the caretaker. This facility need not be physically close to the school building.

Environmental Science:

1. As part of the land acquisition for the farm, additional land (twenty-five acres) should be obtained. This should be wild land that will remain wild. This area will be used by the students in the Environmental Science Magnet to study nature.
2. There will need to exist a large fully equipped greenhouse on the school campus.
3. There should be an Animal Room as part of this magnet school (1,875 sq. ft.). This facility should serve to contain animals that are part of the environmental program as well as those brought in from the farm.

4. There should be an Earth Environmental Lab of 1200 sq. ft.

SOUTHEAST HIGH SCHOOL

THEME: Health Professions; International Studies

1150 Students

Office Space:

1. Office space for two Program Administrators (150 sq. ft. each). These should be moderate offices with work spaces and enough room for a small conference table.

2. Office space for two Curriculum Coordinators (225 sq. ft. each). These offices should have work areas, storage and display areas for books and materials, and a conference area for small groups of teachers.

3. There should be a clerical office of 75 sq. ft.

Classroom Areas:

Transition Rooms. Two and one-half (2 1/2) regular classrooms should be converted for use by five (5) transition teachers.

Specialty Areas:

Health Professions:

1. There should be a Language Lab (1,875 sq. ft.). These rooms should be wired to accommodate twenty-six (26) integrated language units.

2. Science Labs: There should exist in the building eight (8) well equipped science laboratories. These facilities should contain sufficient storage space for equipment, chemicals, etc. The labs should be 1,875 sq. ft. in size.

- a. Chemistry Lab
- b. Physics Lab
- c. Biology Lab
- d. Nursing Lab
- e. Dental Lab
- f. Medical Lab
- g. Hospital Lab
- h. Emergency Lab

3. Remodel the Home Economics area as a hospital support lab. This lab will have facilities for food preparation and service, laundry, etc.

International Studies:

1. Model United Nations Lab. There should be an 1,875 sq. ft. room for a model United Nations. The facility should have a spectator area for thirty (30) people and other facilities to model the United Nations. This facility should be wired for language translation.
2. Language Labs. There should exist two language labs and three small teaching areas. These rooms should be wired to accommodate twenty-six (26) integrated language units. The total space for this facility should be 3750 sq. ft.
3. Film and Tape Viewing Room. A room (1,400 sq. ft.) should be divided into several individual sound proof film and tape viewing rooms.

VAN HORN HIGH SCHOOL

THEME: Engineering and Technology

1250 Students

Office Space:

1. Office space for a Program Administrator (150 sq. ft.) . This should be a moderate office with a work space and enough room for a small conference table.
2. Office space for a Curriculum Coordinator (225 sq. ft.). This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.
3. There should be a clerical office of 75 sq. ft.

Classroom Areas:

Transition Rooms. Two and one-half (2 1/2) regular classrooms should be converted for use by five (5) transition teachers.

Specialty Areas:

1. There should be 2 Computer Assisted Design (CAD) Labs. These should be large computer labs (1,875 sq. ft.). These rooms should be air-conditioned, secured, and alarmed. The rooms should be

wired to accommodate a mainframe computer and twenty-five terminals.

2. New Wing. A new wing should be added to the building for engineering and technology. Each classroom should contain large storage for specialized equipment and be at least 1,875. This facility should house two (2) of each of the following laboratories:

- a. Chemistry Labs
- b. Physics Labs
- c. Biology Labs
- d. Electronic Labs
- e. Robotics Labs

WESTPORT HIGH SCHOOL

THEME: Communications

1400 Students

Office Space:

1. Office space for two Program Administrators (150 sq. ft. each). These should be moderate offices with work spaces and enough room for a small conference table.
2. Office space for two Curriculum Coordinators (225 sq. ft. each). These offices should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.
3. There should be a clerical office of 75 sq. ft.

Classroom Areas:

Transition Rooms. Two and one-half (2 1/2) regular classrooms should be converted for use by five (5) transition teachers.

Specialty Areas:

Communications and Writing:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and

alarm protected. There should be sufficient storage space for supplies and equipment.

2. There should be a large Auditorium with film and tape capability and a complete projection booth and the capability of large screen video.

3. There should be a Microwave Dish that is connected to the closed-circuit television facility. The Dish should be capable of "up load" and "down load".

4. There should be a closed circuit television station with cable broadcast capability.

5. There should be a broadcast capable radio studio in the building.

6. There is a need for a photography lab which will include a darkroom. The lab should be at least 500 sq. ft. and be adjacent to a classroom which will be used for photography instruction.

7. There is a need for a Printing Lab (2,000 sq. ft.) with proper wiring and storage.

8. There should be an Editing and Animation Lab (1,400 sq. ft.). This lab should feature excellent lighting, numerous electric outlets, and large storage areas.

Business:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. There should also be a Mainframe Computer Lab (1875 sq. ft.). This room should be air conditioned, secure, and alarm protected. The room should be wired to accommodate a mainframe computer and twenty-six terminals.

3. There should be a Wordprocessing Lab (1,875 sq. ft.). The room should be wired for twenty-six (26) wordprocessors, networked, and linked to a high speed printer. The room should be air conditioned and treated for sound.

4. There should be an Office Simulation Lab (1,875 sq. ft.). This room should feature a complete office with stations for twenty-six students.

5. One (1) Language Lab (1,875 sq. ft.). This room should be wired to accommodate twenty-six (26) integrated language units. This will provide a classroom for a budgeted resource teacher.

6. Five (5) regular classrooms should be wired for ten microcomputers that can be networked or used as stand alones. These classrooms should be secured and alarm protected.

PASEO HIGH SCHOOL

THEME: Performing and Visual Arts

1200 Students

Office Space:

1. Office space for a Program Administrator (150 sq. ft.) . This should be a moderate office with a work space and enough room for a small conference table.
2. Office space for a Curriculum Coordinator (225 sq. ft.). This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.
3. Office space for the Trainer. This space should be adequate for examinations and include a work space. The room should include adequate storage space for supplies and materials.

Specialty Areas:

1. Dance Studio. There should be two large rooms (2,000 sq. ft.) complete with hardwood floors, bars, and mirrors.
2. Photography Lab. The photography lab should be a specially designed room (500 sq. ft.) with water, lighting, shelves, etc. This lab should be adjacent to a classroom for photography classroom instruction.
3. Painting Lab. The printing lab should be a large room (1,625 sq. ft.) to accommodate thirteen (13) art tables and storage for supplies. The room should have two sinks, in more than one location.
4. Ceramic Lab. The ceramic lab should be a large room (2,000 sq. ft.) to accommodate twenty-six (26) potters wheels. The room should have two sinks, in more than one location. There should be adequate storage for art supplies and four kilns.
5. Auditorium. There should be a large (1,000 seats) auditorium. The stage should be in condition for ballet. It should be well lighted, have stage curtains, a sound system, acoustic which are designed for both dramatic and instrumental productions. The seating should be comfortable.
6. Set Design. There should be a large (1,875 sq. ft.) facility near the auditorium for set design. This facility should be well lighted and have numerous electrical outlets.

7. Auditorium Recording Studio. There should be a recording studio adjacent to the auditorium. This facility should be wired for recording, of both audio and video, of activities in the auditorium. This room should be acoustically treated and approximately 600 sq. ft.

8. Movie Editing. There should be a small room for movie editing. The room should contain several electrical jacks and approximately 400 sq. ft.

9. Movie Screening. There should be a small room with approximately twenty-six (26) seats for screening movies. The room should have a built-in projection booth (properly wired) and comfortable seating. The room should be approximately 800 sq. ft.

10. Art Gallery. There should be a properly lighted and temperature controlled art gallery. The facility should be approximately 1,875 sq. ft. and contain proper display shelving.

11. Graphic Design Studio. There should be a large space allocated to graphic design. The room (1,875 sq. ft.) should accommodate twenty-six (26) artists stations.

12. Ceramics Studio. There should be a large studio equipped with twenty-six (26) potters wheels. The room will require special wiring and lighting. In addition, at least four large sinks should be located in two places. The room should be 1,875 sq. ft.

13. Little Theater. There should be a little theater. This facility should have a stage, seating for 125, stage lighting, comfortable seating, a sound system, etc.

14. Instrumental Music. There should be a large room (2,000 sq. ft.) with built-in risers, acoustical treatment, proper lighting, and plugs for lighted instrument stands. There should be four (75 sq. ft.) acoustically treated music practice rooms and sufficient space for instrumental and music storage.

15. Vocal Music. There should be a large room (1,500 sq. ft.) with built-in risers, acoustical treatment, proper lighting, and sufficient storage space. Two acoustically treated (75 sq. ft.) practice rooms should exist in the facility.

16. Music Room Recording Studio. There should be a small recording studio between the two music rooms that is wired directly to both practice and large rooms. The room should be acoustically treated and approximately 200 sq. ft.

17. Art Library. An additional large classroom (1,200 sq. ft.) complete with shelving, study carrels, and large table will be necessary. The facility will need extra electrical outlets for projectors, viewers, etc.

18. Individual Study. A large room (2,000 sq. ft.) will need to

be subdivided into several small studios. These studios would vary in form and size. They should be equipped for ceramics, instrumental music practice, vocal practice, etc.

19. There should be four (4) practice rooms (300 sq. ft.). Each of these rooms should be able to be subdivided into four (4) 75 sq. ft. individual practice areas.

KANSAS CITY TECHNICAL CENTER

THEME: Vocational and Technical

1200 Students

Office Areas:

1. Office space for a Program Administrator (150 sq. ft.) . This should be a moderate office with a work space and enough room for a small conference table.

2. Office space for a Curriculum Coordinator (225 sq. ft.). This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Classroom Areas:

Additional High School Facilities:

- a. Complete outdoor athletic facilities
- b. Complete indoor athletic facilities
- c. Complete cafeteria
- d. Complete music facilities
- e. Complete art facilities
- f. Expanded auditorium
- g. There should be at least fifty (50) teaching stations that can be used as academic classrooms.

Specialty Areas:

The following specialty labs:

- a. Aircraft, Airframe, and Power Plant Maintenance (10,850 sq. ft.)
- b. Vehicle Structural Reconstruction. This area must include a re-servicing facility with an isolated painting booth.
- c. Cosmetology
- d. Diesel Mechanics. This room should be at least 3500 sq. ft. and include a dust free room.
- e. Machine Tool technology. There should be four (4) labs for Machine Tool technology of at least 3700 sq. ft. In addition there should be a room of 500 sq. ft. for computer tape cutting.
- f. Printing and Graphics Arts. This room should be at least 4,450 sq. ft.
- g. Welding. There should be two (2) labs of at least 3,050 sq. ft. each.

h. Fiber optics. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

i. Robotics, Hydraulics, and Pneumatics. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

j. Basic Auto and Small Engine. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

k. Electronic Ignition and Air conditioning. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

l. Engine Repair. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

m. Automatic Transmission. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

n. Interior Electrical Shop. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

o. Exterior Electrical Shop. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

p. Basic Electronics Lab. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

q. Industrial Electronics Lab. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

r. Avionics Lab. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

s. Commercial Electronics Lab. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

t. Construction Trades Lab. This should be a lab of 3000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

u. Computer Maintenance Lab. This should be a lab of 2000 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

v. Drafting (CAD) Lab. This should be a lab of 2500 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

w. Energy Studies Lab. This should be a lab of 2500 sq. ft. This lab should include project storage (200 sq. ft.), tool storage (200 sq. ft.) and a related classroom (750 sq. ft.).

MIDDLE SCHOOLS

NOWLIN MIDDLE SCHOOL

THEME: Environmental Science

1200 Students

Office Space:

1. Office space for a Curriculum Coordinator (220 sq. ft.) . This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Classroom Areas:

Every regular classroom should be wired for ten microcomputers that can be networked or used as stand alones. Initially, there will be one hundred (100) computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Transition Rooms. Two regular classrooms should be converted for use by four transition teachers.

Specialty Areas:

1. There should be two Computer Labs (1,000 sq. ft.). These rooms should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The rooms should be air-conditioned and treated for sound. The rooms should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. Log Cabin. A log cabin should be constructed on the grounds as an outdoor education center. The building should be usable year around, therefore, it should be heated, lighted, and have toilets, and other water facilities. It should have sufficient size room to accommodate twenty-six (26) people.

3. Amphitheater. There should be constructed an amphitheater which will accommodate one hundred and four (104) students. This facility should have electrical power for lighting and portable power equipment as well as storage space.

4. Botany lab. There should be a botany lab on the grounds.

5. Greenhouse. A greenhouse, similar to the one at Center High School, should be constructed on the site.

6. Environment Resource Room. There should be an environmental resource room in each building. A regular classroom will suffice.

7. **Animal Storage.** A small barn for live animal storage should be constructed on the grounds. There should be fencing for the animals outside the barn.

8. **Preparation Rooms.** There shall be two (2) preparation rooms at 400 sq. ft. for use as offices and resource rooms by the resource teachers.

NORTHEAST MIDDLE SCHOOL

THEME: Classical Greek

1200 Students

Office Areas:

1. **Office space for a Curriculum Coordinator** (220 sq. ft.) . This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Specialty Areas:

1. There should be a Forum area (1,875 sq. ft.). This should be a flexible facility or multi-purpose room that can be configured for a number of different activities appropriate to a classical Greek theme. The room should feature movie screens, a sound system that allows for the flexible placement of microphones, facilities for debate and forensics, facilities for student government and representative assemblies. The forum should have hook ups for video tape and play back.

2. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

3. **Outdoor Track.** There should be an outdoor 400 meter cinder track.

4. **Tennis Courts.** There should be four regulation size tennis courts.

5. **Soccer Field.** There should be a regulation soccer field that can be used as a football field.

6. **Swimming pool.** There should be a swimming pool available for use in the program.

7. Showers and Lockers. There should be a separate shower and locker facility available for student use. This area should include a facility to be used as a training area by the trainer.
8. Softball Diamond. There should be a regulation softball diamond with a cyclone fence back stop.
9. Gymnastics Facility. There should be a facility in the school for gymnastics. The gymnasium could be utilized.
10. Storage. There is a need for a large storage facility for the athletic equipment.
11. Preparation Rooms. There should be two preparation rooms at 400 sq. ft. each to be used as offices and resource areas by the resource teachers.
12. Transition Rooms. Two regular classrooms should be converted for use by four transition teachers.

WESTPORT MIDDLE SCHOOL

THEME: Communications

1150 Students

Office Areas:

Office space for a Curriculum Coordinator (220 sq. ft.). This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Transition Rooms. Two regular classrooms should be converted for use by four transition teachers.

Classroom Areas:

Five (5) regular classrooms should be wired for twenty-five micro-computers that can be networked or used as stand alones. These classrooms should be secured and alarm protected.

Specialty Areas:

1. Auditorium. The existing large auditorium should be renovated to provide a film and tape capability. There should be a projection booth and facilities for large screen video.
2. Television Station. There should be a studio for videotaping.

The room should be soundproof and have built-in lighting for video recording. The room should be approximately 2500 sq. ft.

3. **Photography Lab.** There is a need for a photography laboratory. This room should include a darkroom, be at least 500 sq. ft., and be adjacent to a regular classroom where photography classes will be taught.

4. **Editing and Animation Lab.** A room (1,400 sq. ft.) with excellent lighting, numerous electric outlets, and large storage areas.

5. **Preparation Rooms.** There should be two preparation rooms at 400 sq. ft. each to be used as offices and resource areas by the resource teachers.

KING MIDDLE SCHOOL

THEME: Latin Middle

900 Students

Office Areas:

Office space for a Curriculum Coordinator (220 sq. ft.) . This office should have a work area, storage and display areas for books and materials, and a conference area for small groups of teachers.

Classroom Area:

Every regular classroom should be wired for ten microcomputers that can be networked or used as stand alones. Initially, there will be 200 computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Transition Rooms. Two regular classrooms should be converted for use by four transition teachers.

Specialty Areas:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. Preparation Rooms. There should be two preparation rooms at 400 sq. ft. each to be used as offices and resource areas by the resource teachers.

ELEMENTARY SCHOOLS

WEEKS ELEMENTARY SCHOOL

THEME: Science/Math

600 Students

Classroom Area:

Every regular classroom should be wired for fifteen (15) microcomputers that can be networked or used as stand alones. Initially, there will be 300 computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Specialty Areas:

1. There should be an Animal Room (1,875 sq. ft.). This facility should be a facility for animals as part of the ZOO Project. The room should be adjacent an outside fenced area for the animals to exercise. There should be adequate storage for supplies and feed.
2. There should be a classroom (850 sq. ft.) for the Resource Teacher that is not associated with a specialty lab.
3. There should be a Computer Lab (1,875 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.
4. There should be a General Science Lab (1,500 sq. ft.). There should be twelve (12) science tables. The space in the lab should be divided with 1000 sq. ft. for the lab and 500 sq. ft. for a teacher preparation room and storage.
5. Eliminate the Planetarium that was in the original specifications.

THREE TRAILS ELEMENTARY SCHOOL

THEME: Science/Math

300 Students

Classroom Area:

Every regular classroom should be wired for five microcomputers that can be networked or used as stand alones. Initially, there will be 75 computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Specialty Areas:

1. There should be an Animal Room (1,875 sq. ft.). This facility should be a facility for animals as part of the ZOO Project. The room should be adjacent an outside fenced area for the animals to exercise. There should be adequate storage for supplies and feed.

3. There should be a Computer Lab (1,875 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

4. There should be a General Science Lab (1,500 sq. ft.). There should be twelve (12) science tables. The space in the lab should be divided with 1000 sq. ft. for the lab and 500 sq. ft. for a teacher preparation room and storage.

WHEATLEY ELEMENTARY SCHOOL

THEME: Science/Math

450 Students

Classroom Area:

Every regular classroom should be wired for five microcomputers that can be networked or used as stand alones. Initially, there will be 75 computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Specialty Areas:

1. There should be an Animal Room (1,875 sq. ft.). This facility should be a facility for animals as part of the ZOO Project. The room should be adjacent an outside fenced area for the animals to exercise. There should be adequate storage for supplies and feed.

2. There should be a Computer Lab (1,875 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

3. There should be a General Science Lab (1,500 sq. ft.). There should be twelve (12) science tables. The space in the lab should be divided with 1000 sq. ft. for the lab and 500 sq. ft. for a teacher preparation room and storage.

RICHARDSON ELEMENTARY SCHOOL

THEME: Computers

475 Students

Classroom Area:

Every regular classroom should be wired for ten microcomputers that can be networked or used as stand alones. Initially, there will be numerous computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

Specialty Areas:

1. There should be a Computer Lab (1,875 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. There should be a Computer Resource classroom (850 sq. ft.) for the Resource Teacher that is not associated with a specialty lab.

NEW SOUTHEAST ELEMENTARY SCHOOL

THEME: Computers; Classical Greek; Gifted and Talented

1800 Students in 3 schools of 600 each

Specialty Areas:

Computers:

1. There **should** be a Computer Lab (1,875 sq. ft.). This room **should** be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room **should** be air-conditioned and treated for sound. The room **should** be secure and **alarm protected**. There **should** be sufficient storage space for supplies and equipment.

2. **Every regular classroom** **should** be wired for ten microcomputers **that can be networked or used as stand alones**. Initially, there **will** be numerous computers in the school. Every classroom **should** be air conditioned, **secure**, and alarm protected.

3. There **should** be a Computer Resource classroom (850 sq. ft.) for the Resource Teacher **that is not** associated with a specialty lab.

Classical Greek:

1. There **should be a Forum area** (1,200 sq. ft.). This **should be a flexible facility or multi-purpose room** that can be configured for a number of **different activities** appropriate to a classical Greek theme. The room **should feature** movie screens, a sound system that allows for the flexible placement of microphones, facilities for debate and forensics, facilities for student government and representative assemblies. The forum **should have** hookups for video taping and play back.

2. Outdoor Track. There **should be an outdoor 400 meter cinder track**.

3. Soccer Field. There **should be a regulation soccer field** that can be used as a football field.

4. Indoor pool. There **should be a swimming pool** available for use in the program.

5. Showers and Lockers. There **should be a separate shower and locker facility** available for student use.

6. Softball Diamond. There **should be a regulation softball diamond** with a cyclone fence back stop.

7. Outdoor Ball Games. There **should be marked spaces** for such games as four-square.

8. Gymnasium. There **should be a well equipped gymnasium**.

9. Storage. There **is a need for a large storage facility** for the athletic equipment.

Gifted and Talented:

1. Auditorium. The building should have a 400 seat auditorium. The facility should be well lighted, particularly in the stage area. There should exist a good sound system, stage current, good seating, and the facility should be comfortable.
2. Dance Studio. There should exist a dance studio (1,200 sq. ft.) with a special floor, mirrors, and bars.
3. Music Room. There should exist a room for both vocal and instrumental music. The room should be 1,200 sq. ft. acoustically treated and have built-in risers. There should also exist large locked storage areas. The room should be secure and alarm protected. There, also, should be two practice rooms, within the classroom, that are acoustically treated.
4. Visual Arts Room. There should exist a visual arts room. A standard size classroom will suffice.
5. Art Room. An art room (1,200 sq. ft.) should exist in the building. This room should accommodate thirteen (13) art tables. There should be four sinks, in two different locations, within the room. The room should be well lighted and have approximately 200 sq. ft. of storage space.
6. Project Lab. There should be a Project Lab (1700 sq. ft.) for individualized and independent study. This room should have secure storage for student projects.
7. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.
8. Every regular classroom should be wired for ten microcomputers that can be networked or used as stand alones. Initially, there will be numerous computers in the school. Every classroom should be air conditioned, secure, and alarm protected.

ATTUCKS ELEMENTARY SCHOOL

THEME: Communications

400 Students Specialty Area:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. There should be a (1) classroom (850 sq. ft.) for the Resource Teacher who is not associated with a specialty lab.

TROOST ELEMENTARY SCHOOL

THEME: Communications

500 Students

Specialty Area:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

2. There should be a (1) classroom (850 sq. ft.) for the Resource Teacher who is not associated with a specialty lab.

GARFIELD ELEMENTARY SCHOOL

THEME: Classical Greek

500 Students

Specialty Area:

1. There should be a Forum area (1,200 sq. ft.). This should be a flexible facility or multi-purpose room that can be configured for a number of different activities appropriate to a classical Greek theme. The room should feature movie screens, a sound system that allows for the flexible placement of microphones, facilities for debate and forensics, facilities for student government and representative assemblies. The forum should have hookups for video taping and play back.

2. Outdoor Track. There should be an outdoor 400 meter cinder track.

3. Soccer Field. There should be a regulation soccer field that can also be used as a football field.

4. Indoor pool. There should be a swimming pool available for use in the program.
5. Showers and Lockers. There should be a separate shower and locker facility available for student use.
6. Softball Diamond. There should be a regulation softball diamond with a cyclone fence back stop.
7. Outdoor Ball Games. There should be marked spaces for such games as four-square.
8. Gymnasium. There should be a well equipped gymnasium.
9. Storage. There is a need for a large storage facility for the athletic equipment.
10. Basketball Court. There should be an outdoor basketball court.

PITCHER ELEMENTARY SCHOOL

THEME: Classical Greek

400 Students

Specialty Area:

1. There should be a Forum area (1,200 sq. ft.). This should be a flexible facility or multi-purpose room that can be configured for a number of different activities appropriate to a classical Greek theme. The room should feature movie screens, a sound system that allows for the flexible placement of microphones, facilities for debate and forensics, facilities for student government and representative assemblies. The forum should have hookups for video taping and play back.
2. Outdoor Track. There should be an outdoor 400 meter cinder track.
3. Soccer Field. There should be a regulation soccer field that can also be used as a football field.
4. Indoor pool. There should be a swimming pool available for use in the program.
5. Showers and Lockers. There should be a separate shower and locker facility available for student use.
6. Softball Diamond. There should be a regulation softball diamond with a cyclone fence back stop.
7. Outdoor Ball Games. There should be marked spaces for such

games as four-square.

8. **Gymnasium.** There should be a well equipped gymnasium.

9. **Storage.** There is a need for a large storage facility for the athletic equipment.

10. **Basketball Court.** There should be an outdoor basketball court.

NEW NORTHEAST ELEMENTARY SCHOOL

THEME: Latin Grammar

600 Students

Specialty Areas:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

PINKERTON ELEMENTARY SCHOOL

THEME: Latin Grammar

400 Students

Specialty Areas:

1. There should be a Computer Lab (1,000 sq. ft.). This room should be wired for twenty-six (26) microcomputers that can be networked or operate as stand alones. The room should be air-conditioned and treated for sound. The room should be secure and alarm protected. There should be sufficient storage space for supplies and equipment.

FAXON ELEMENTARY SCHOOL

THEME: Montessori

350 Students

Classroom Areas:

1. Projections for the capacity of Faxon should reflect a maximum class size of twenty which is well below that of other magnets and

the Court ordered class size reductions.

2. There **should** exist six (6) 1,200 sq. ft. classrooms equipped with **two** **bathrooms** (boys and girls), drinking fountains, and sinks. These rooms are to be utilized for pre-k and kindergarten students.

3. There **should** be plenty of storage space (200 sq. ft.) in every classroom. This storage space is in addition to the square footage indicated for each room or specialty area.

Specialty Areas:

Playground. There **should** be a separate, enclosed, play area designed for small children. It should have a soft surface on the grounds, sand box, wooden climbing and play apparatus, and flexible swings. In addition, there **should** be a large grass play area for the larger children. There **should** exist a softball diamond, kickball field, several four square areas, hop scotch, and a basketball court. The latter items may exist on a hard surface.

MESERVEY ELEMENTARY SCHOOL

THEME: Arts

400 Students

Specialty Areas:

1. Auditorium. The building **should** have a 400 seat auditorium. The facility **should** be well lighted, particularly in the stage area. There **should** exist a good sound system, stage current, good seating, and the facility **should** be comfortable.

2. Dance Studio. There **should** exist a dance studio (1,200 sq. ft.) with a special floor, mirrors, and bars.

3. Music Room. There **should** exist a room for both vocal and instrumental music. The room **should** be 1,200 sq. ft., acoustically treated and have built-in risers. There **should** also exist large locked storage areas. The room **should** be secure and alarm protected. There, also, **should** be two practice rooms, within the classroom, that are acoustically treated.

4. Visual Arts Room. There **should** exist a visual arts room. A standard size classroom will suffice.

5. Art Room. An art room (1,200 sq. ft.) **should** exist in the building. This room **should** accommodate thirteen (13) art tables. There **should** be four sinks, in two different locations, within the room. The room **should** be well lighted and have approximately 200 sq. ft. of storage space.

6. There will be a total of 1200 sq. ft. of storage spread among the various rooms and specialty areas.

PHILLIPS ELEMENTARY SCHOOL

THEME: Arts

325 Students

Specialty Areas:

1. Auditorium. The building should have a 400 seat auditorium. The facility should be well lighted, particularly in the stage area. There should exist a good sound system, stage current, good seating, and the facility should be comfortable.
2. Dance Studio. There should exist a dance studio (1,200 sq. ft.) with a good wooden floor, mirrors, and bars.
3. Music Room. There should exist a room for both vocal and instrumental music. The room should be 1,200 sq. ft., acoustically treated and have built-in risers. There should also exist large locked storage areas. The room should be secure and alarm protected. There, also, should be two practice rooms, within the classroom, that are acoustically treated.
4. Visual Arts Room. There should exist a visual arts room. A standard size classroom will suffice.
5. Art Room. An art room (1,200 sq. ft.) should exist in the building. This room should accommodate thirteen (13) art tables. There should be four sinks, in two different locations, within the room. The room should be well lighted and have approximately 200 sq. ft. of storage space.
6. There will be a total of 1200 sq. ft. of storage spread among the various rooms and specialty areas.

LONGFELLOW ELEMENTARY SCHOOL THEME: Arts

300 Students

Specialty Areas:

1. Auditorium. The building should have a 400 seat auditorium. The facility should be well lighted, particularly in the stage area. There should exist a good sound system, stage current, good seating, and the facility should be comfortable.

2. Dance Studio. There should exist a dance studio (1,200 sq. ft.) with a good wooden floor, mirrors, and bars.

3. Music Room. There should exist a room for both vocal and instrumental music. The room should be 1,200 sq. ft., acoustically treated and have built-in risers. There should also exist large locked storage areas. The room should be secure and alarm protected. There, also, should be two practice rooms, within the classroom, that are acoustically treated.

4. Visual Arts Room. There should exist a visual arts room. A standard size classroom will suffice.

5. Art Room. An art room (1,200 sq. ft.) should exist in the building. This room should accommodate thirteen (13) art tables. There should be four sinks, in two different locations, within the room. The room should be well lighted and have approximately 200 sq. ft. of storage space.

6. There will be a total of 1200 sq. ft. of storage spread among the various rooms and specialty areas.

N. ROCK CREEK/KORTE

THEME: Enviromental Science

550 Students

Classroom Areas:

There should be a (1) large classroom (1,200 sq. ft.) for the resource teacher who is not associated with a specialty lab.

Specialty Areas:

1. Log Cabin. A log cabin should be constructed on the grounds as an outdoor education center. The building should be usable year around, therefore, it should be heated, lighted, and have toilets, and other water facilities. It should have sufficient size room to accommodate twenty-six (26) people.

2. Amphitheater. There should be constructed an amphitheater which will accommodate one hundred and four (104) students. This facility should have electrical power for lighting and portable systems. There should also be storage space on site.

3. Botany/Biology lab. There should be a botany lab on the grounds.

4. Greenhouse. A greenhouse, similar to the one at Center High

School, should be constructed on the site.

6. Environment Resource Room. There should be an environmental resource room in each building. A regular classroom will suffice.

KNOTTS ELEMENTARY SCHOOL

THEME: Environmental Science

500 Students

Classroom Areas:

There should be a (1) large classroom (1,200 sq. ft.) for the resource teacher who is not associated with a specialty lab.

Specialty Areas:

1. Log Cabin. A log cabin should be constructed on the grounds as an outdoor education center. The building should be usable year around, therefore, it should be heated, lighted, and have toilets, and other water facilities. It should have sufficient size room to accommodate twenty-six (26) people.

2. Amphitheater. There should be constructed an amphitheater which will accommodate one hundred and four (104) students. This facility should have electrical power for lighting and portable systems. There should also be storage space on site.

3. Botany/Biology lab. There should be a botany lab on the grounds.

4. Greenhouse. A greenhouse, similar to the one at Center High School, should be constructed on the site.

6. Environment Resource Room. There should be an environmental resource room in each building. A regular classroom will suffice.