

JERRY LEE STIVERS

BRIDGE FOR THE ARTS

Tulsa Oklahoma

# DEDICATION

There are two women who have had a great influence upon my education here at Oklahoma State University and to you mom and Janet, I dedicate this program. Without your love, support, and most of all prayers, I would not have been able to obtain this goal. God has truly blessed me.



Jerry L. Stivers

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# ACKNOWLEDGMENTS

Many special thanks to the following people who were vital to the development of this program and will be instrumental in the design of the project in the Spring of 1985.

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## BRIDGE FOR THE ARTS

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# INTRODUCTION

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# MISSION

This project begins with the now abandoned 11th Street Bridge as a vital historic link in the development of Tulsa as a River Parks Community. The historical skeleton is located as a visual terminus for the River Parks Development between the Redfork Expressway to the north, and the new 11th Street Bridge to the south.

Its conception was meant to provide a link between the growing boom-town to the north, and the newly found black-gold fields to the south. Yet now the bridge lies dormant in the most hostile of environments.

Man's artistic expression, however, is fairly prone to seek some kind of order and beauty. Even in a primitive and hostile setting, if the surroundings are not unbearably oppressive, this tendency in man's expression comes promptly and boldly to the surface. The demands of sheer existence once met, the human being is likely to turn to some realization of a thirst for order and beauty.

In my search among the hostile and oppressive, my efforts are directed towards the germination of the original concept for the bridge. With this original concept in mind, adaptive reuse of the bridge provides a means of restoration for the bridge as a conceptual "link" for the community.

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I have chosen the relationship between the arts and community, as a conceptual link. At present, the arts programs of Tulsa lie as a web of studios, theatres, and classrooms spread over the entire community, having no common facility for the exchange of ideas, views and talents. To construct such a facility, would provide a place where the public could come and watch artists, performers, and students at work and "rub shoulders" with the creative process.

In essence, the facility bridges the gap between the arts and community, providing an "oasis of hope in a surrounding sea of despair."

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# CLIENT

The client of the Bridge for the Arts is Tulsa's Arts and Humanities Council. The client's main interests lie in the development of a facility that will support and enhance the existing arts and humanities programs of the Tulsa area.

THE ARTS AND HUMANITIES COUNCIL OF TULSA  
Harley Manhart  
Harweldon  
2210 South Main  
Tulsa, Oklahoma 74114

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# HISTORY

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## The Bridge

The eleventh street bridge across the Arkansas River was originally constructed about 1916 as a railway / highway bridge. The construction consisted of a single railroad track in the center of the structure with single lane of vehicular traffic on each side, and sidewalks along the exterior traffic lanes. The original construction was approximately 43 feet total width. The structure was believed to be identical to the portion to the left of the centerline of the 1916 arch as shown of Plate 1.

In the early 1930's, existing plans indicate efforts were begun to widen the structure in a manner so as to place the railroad to one side of the structure. Records are somewhat sketchy; however, it appears that this work was never done.

In 1934, a project was begun which widened the structure to the present section (52' - 8" total width), as shown on Plate 1. This project included removing a portion of the east cantilever of the structure, and connecting a new deck, supported by new arches and piers. The bridge at this time was evidently overlaid with asphaltic concrete. This construction provided a 40 foot roadway to accommodate four lanes of traffic with sidewalks on each side.

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## The Council

The Council was formed in response to strong interest by the community. The Council serves as a catalyst for generating programs and services with the ultimate goal of making Tulsa one of the finest arts communities in which to live.

Throughout the 60's, the first decade of the Council's life, the demand for arts activities grew steadily and, in 1968, the Council hired its first professional staff.

Initially formed as a volunteer coordinating body for Tulsa's arts organizations, the 70's saw the Council developing its own community programs and services in addition to those provided its members. The Council was called upon to help draft an ordinance setting aside 1% for art in city building projects, and to lead the planning for a Performing Arts Center. Working with the public schools, the Council provided various "arts in the classroom" projects and in 1972 changed its name to include the Humanities in its programs.

As the Council approaches the twenty-fifth year of its founding, we look back on past achievements with an eye towards improving present programs and developing new programs and services consistent with the Council's philosophy. Which is: "The Arts and Humanities are among the highest and most valuable expressions of the human spirit. Education and experimentation in those fields should be available to everyone throughout their lives."

**BRIDGE FOR THE ARTS**

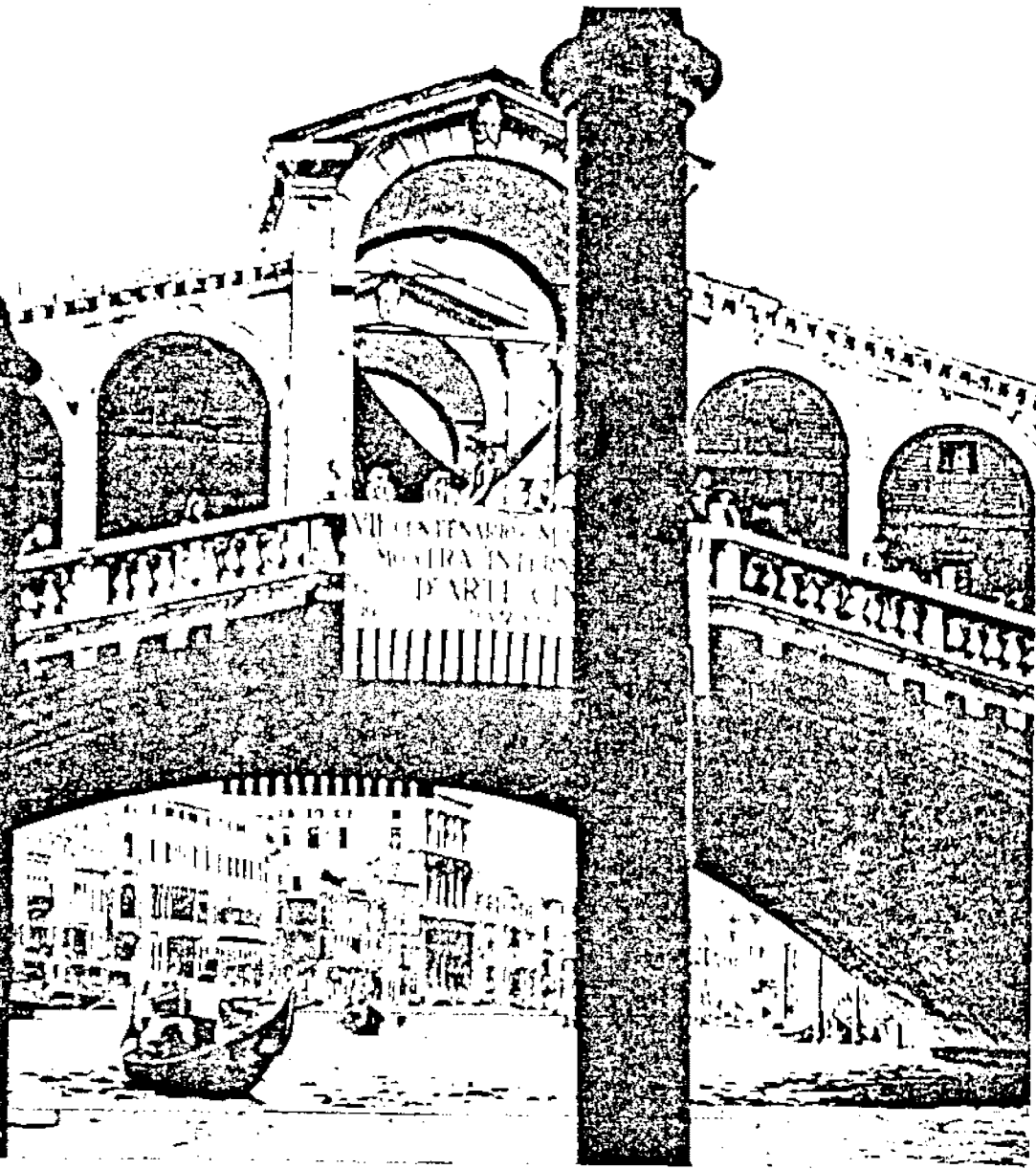
T u l s a   O k l a h o m a

STATE OF THE ART

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T u l s a   O k l a h o m a



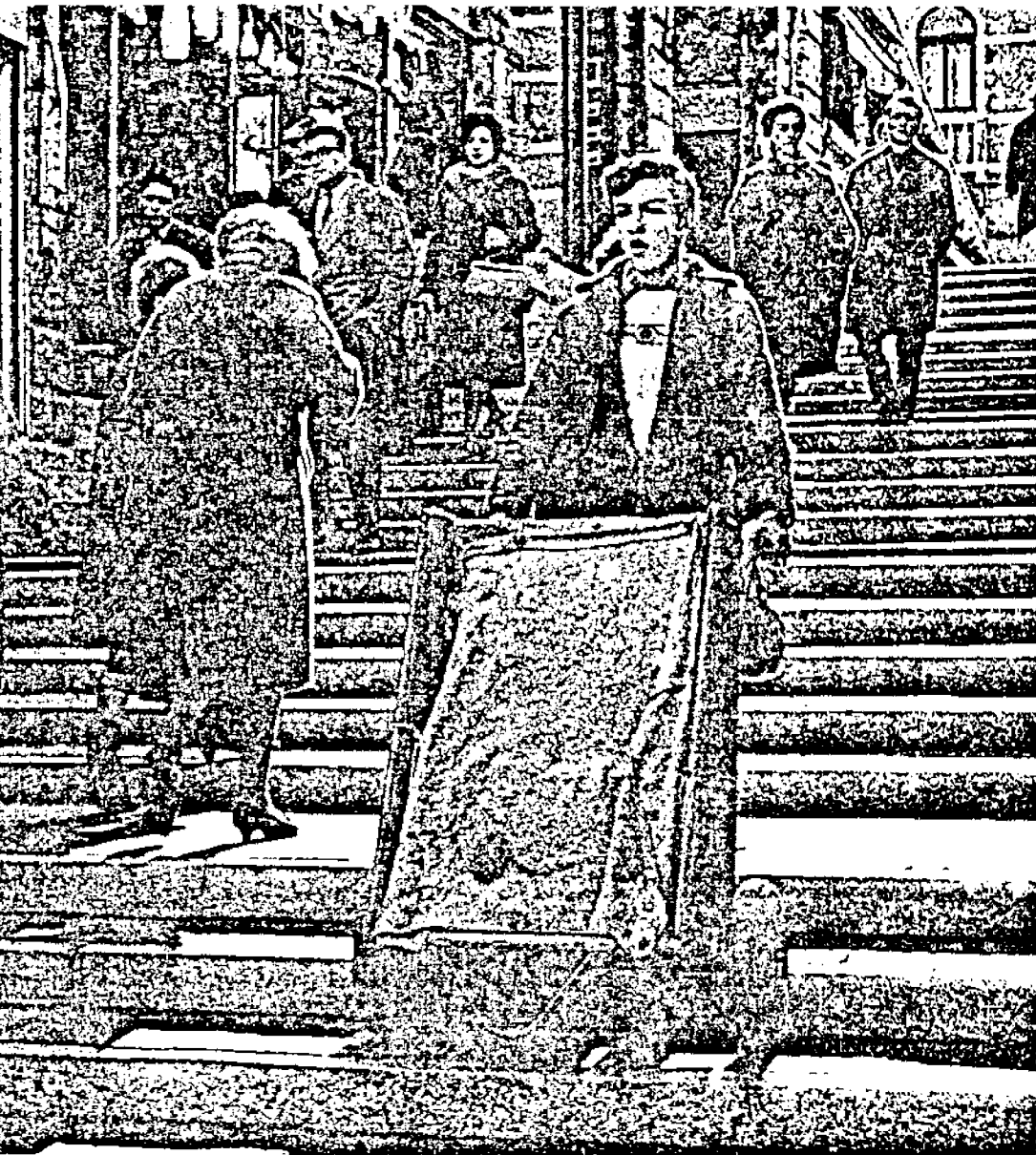
## The Rialto Bridge

The Rialto bridge was built by Antonio da Ponte, in 1588. It was anciently built of wood, with drawbridges in the centre.

It was considered the best building raised in the time of the Grottesque Renaissance; very noble in its simplicity, in its proportions, and in its masonry. Note especially the grand way in which the oblique archstones rest on the buttments of the bridge, safe palpably both to the sense eye.

The traveler in Venice should observe that the interesting effect, both of this and the Bridge of Sighs, depends in great part on their both being more than bridges: one a covered passage, the other a row of shops sustained on an arch.

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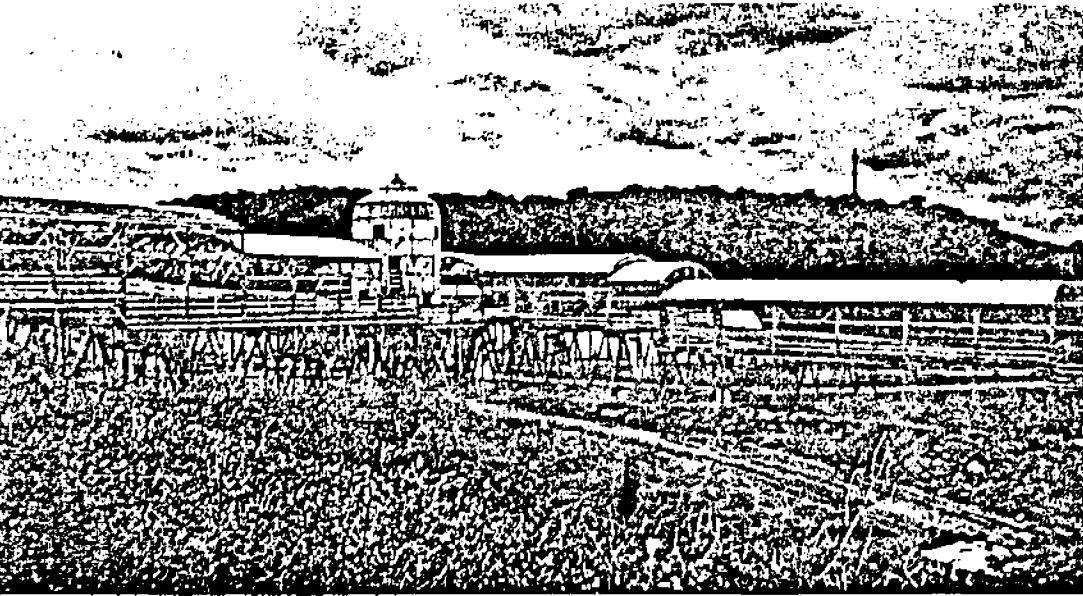
Twelve Oklahoma

## Artpark

ArtPark, located in Lewiston, New York, is a new work and fresh idea. The project, done by Hardy Holzman and Pfeifer, is a place where the public could come and watch artist and performers at work and rub shoulders with the creative process. It is a place where the visitors could as someone describes it "discover the artist in himself."

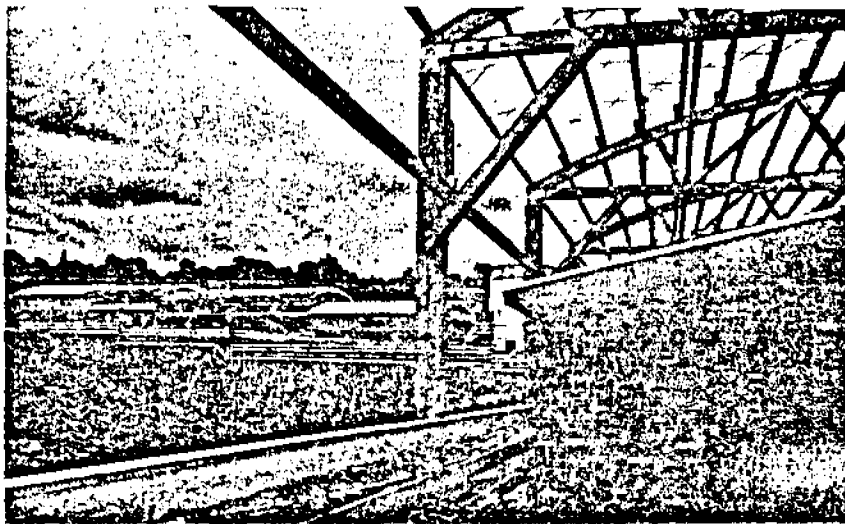
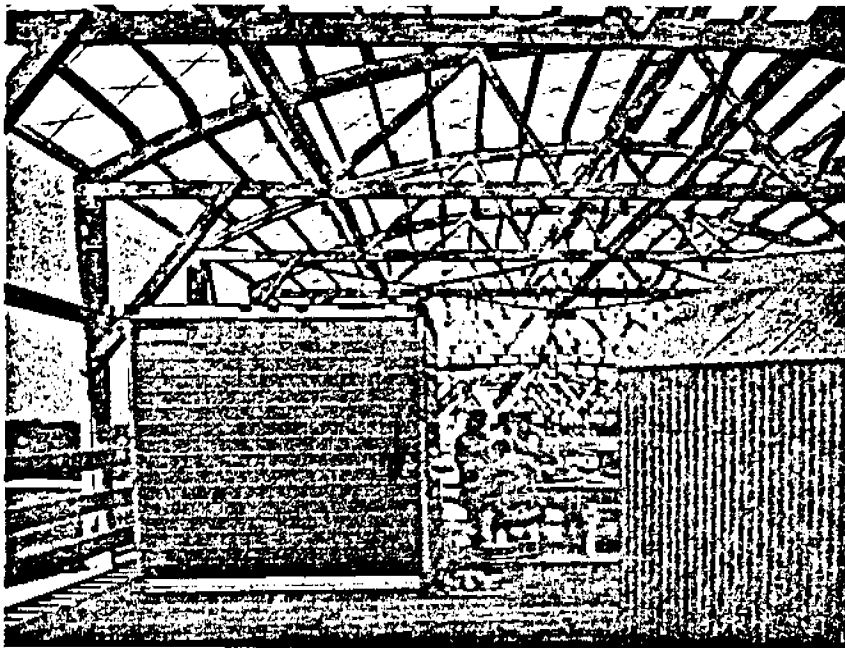
The project undertook double duty to develop with its variety of facilities to attract and satisfy the widest possible audience.

It is the manner in which the original concept is carried out, and quality of the artists and performers that will make the conclusive statement on the facilities, which are imaginative and like ArtPark itself, a bit of fantasy grappling with reality.



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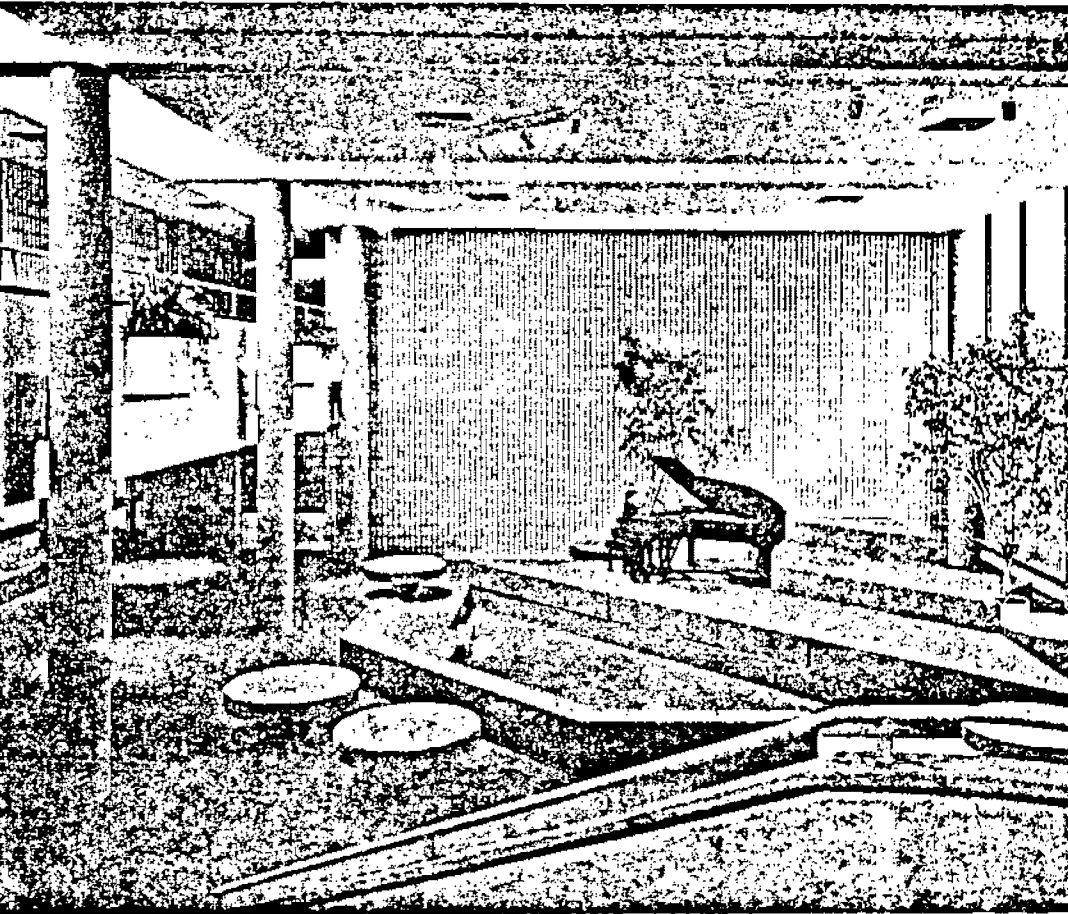
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## The Harlem School of the Arts

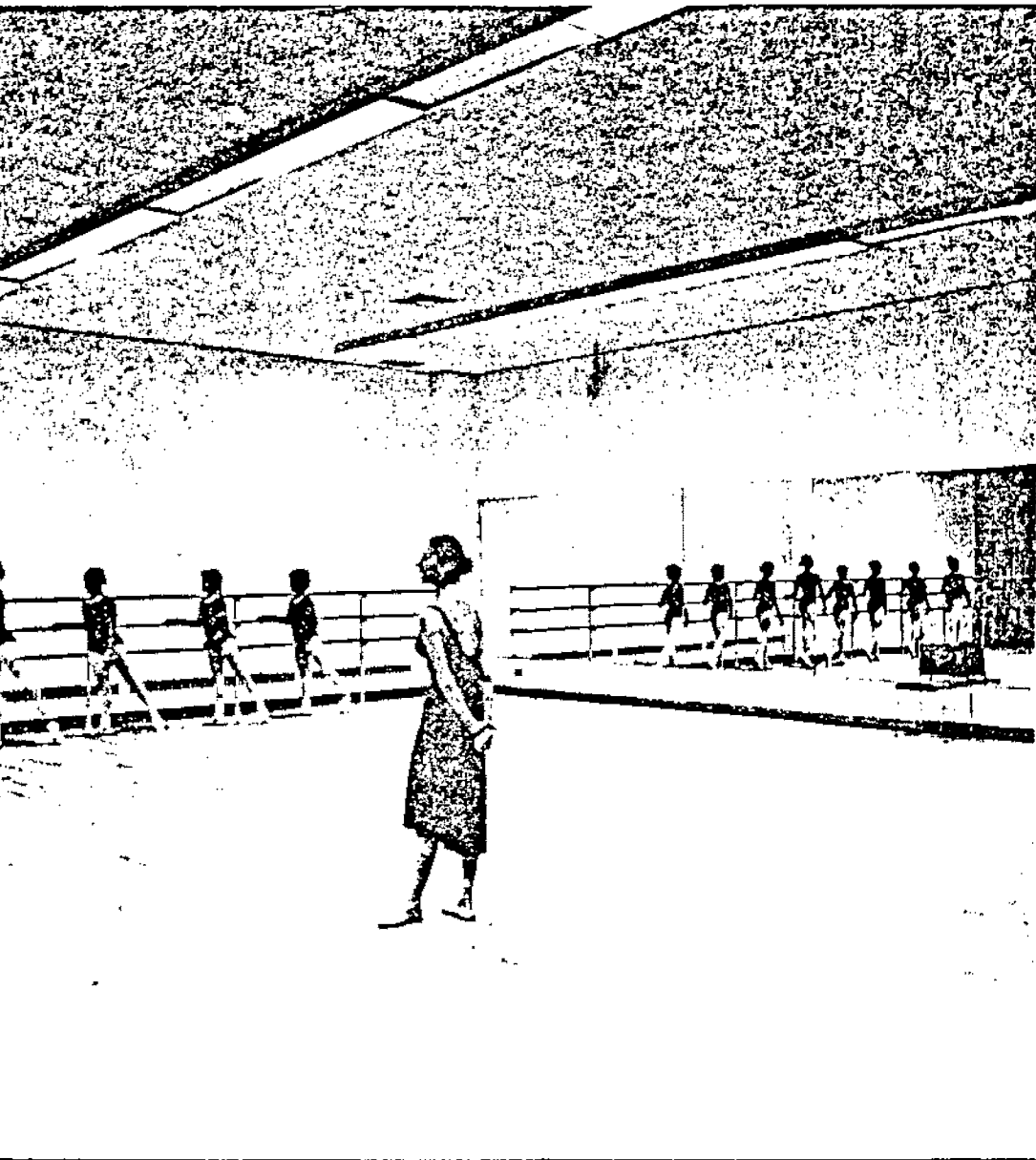


The Harlem School of the Arts, designed by Ullrich Franzens Architects has often been considered "an oasis in a sea of despair." It was dedicated to the concept that their own accomplishment in one or more of the arts and a daily relief from the surrounding chaos could bring new senses of self worth to Harlem's youth.

The school plant occupies 37,288 sq. ft. and supports 700 - 800 children and 44 faculty.

The school philosophy is : even in hostile setting, the tendency to seek order and beauty can come to the surface.

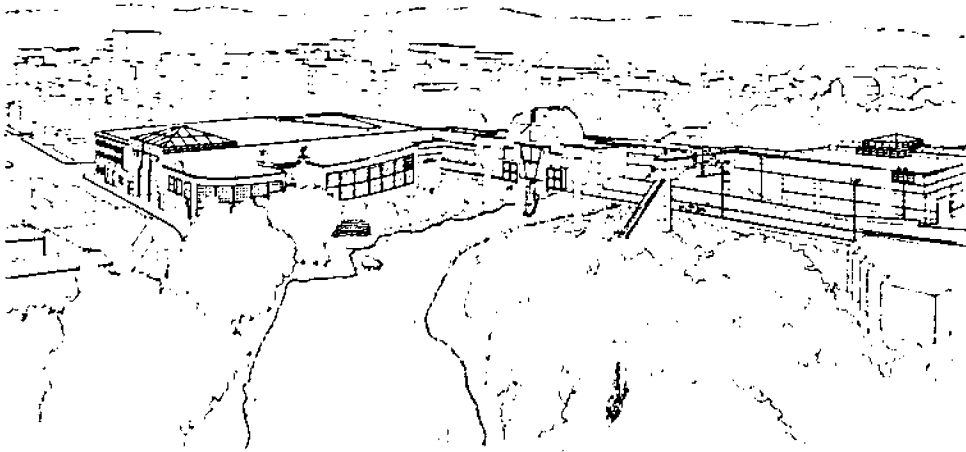
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## A Competition

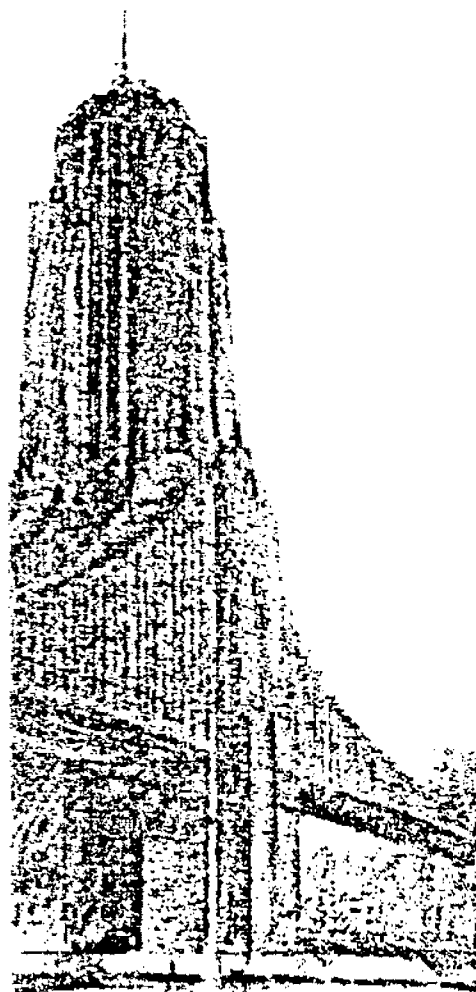


An architectural design competition, awarded to the firm of Michael Graves, consisted of a cultural center planned to be built atop a vehicular bridge over the Red River that separates the two cities of Fargo and Moorhead, North Dakota. The cultural center would include an art museum, concert hall, history museum, plus radio and television stations and other related facilities.

Jury comment: "I like the urban design statement the project makes very much. It uses a cultural activity to connect two different cities and becomes a place or event for public assembly.

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Not only upward, in skyscrapers, does the city appear forced to move, but also outward over its bridges. At a recent meeting Architect Raymond Hood outlined the plausible possibility of utilizing the framework of bridges for apartments or offices. The idea could, of course be visualized in various forms-----in the accompanying sketch, the suspension type of bridge is assumed; the towers rise up into fifty or sixty story buildings; the serried structure between is suspended----the buildings literally hung from cables.

At first glance it would appear that such a location for office or residence is unusually desirable as to exposure, light and air. We may naturally assume landing stages at the bases of the towers, for launch, yacht and hydroplane whence it would be only a minute by elevator, to one's private door.

Facetious minds have suggested that the placing of apartments in such a fashion would introduce a bizarre not to say dangerous element into domestic life! On the other hand, serious minds have claimed that the project is not only structurally sound but possesses unusual advantages, financially.

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DATA

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USERS

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## The Students

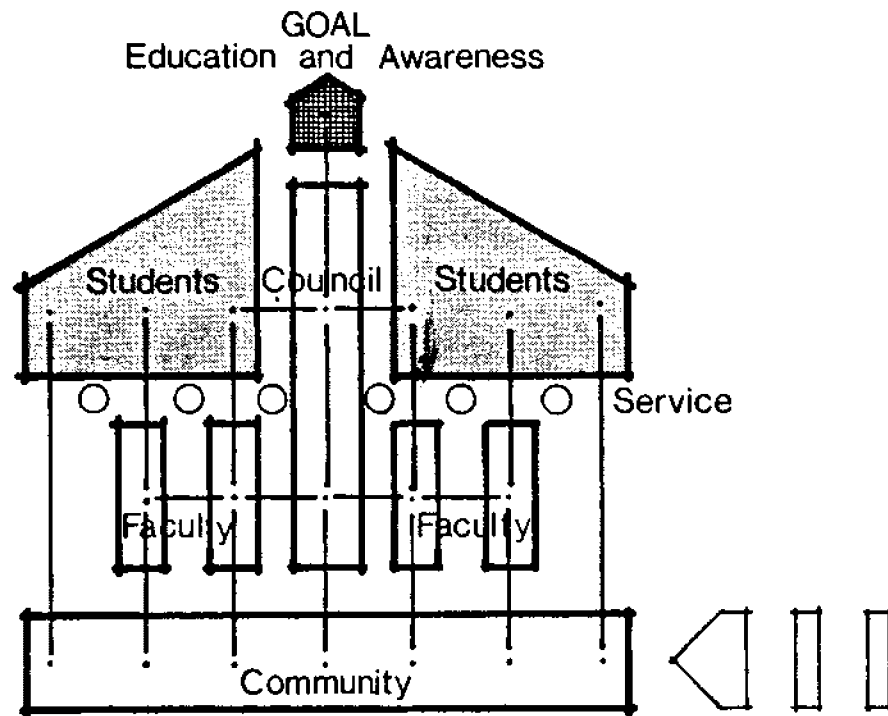
The school's first concern is for the arts education and personality development of the student: therefore, the student would be considered the primary user of the entire facility.

Because the student is the primary user, working conditions and equipment should be of the highest quality. These requirements become the means towards the goal of finding the hidden talents and enhancing the obvious.

Students could be divided into four major groups: art, music, theatre, and dance, all of which have different interfaces with the faculty and the community.

Education about the arts, being the school's major concern, must be dealt with in such a manner that the student teacher interaction is free from public distraction. Yet, because of public - private funding, public awareness about the arts also becomes a concern for the school. This public awareness comes about through student community interaction. The student and their work becomes the liaison between the arts and the community.

In essence the students become part of a living museum for the arts.

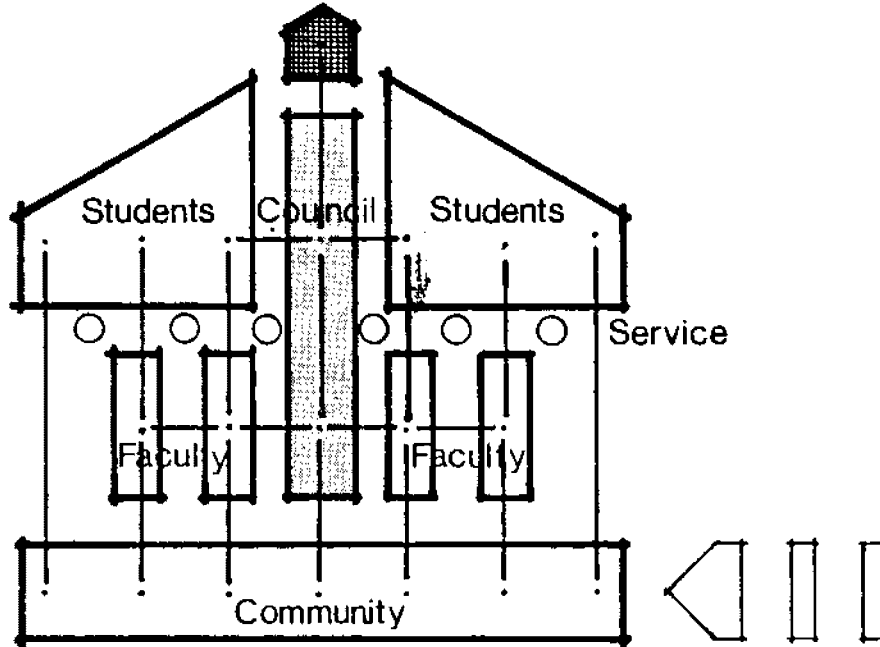


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## The Administration

GOAL  
Education and Awareness



The Arts and Humanities Council is a group of individuals responsible for the continuing development of the arts and humanities programs of the City of Tulsa. Since the intent of the Bridge for the Arts is the consolidation of the arts and humanities programs, the Council as a user group would have direct and indirect relationships with all other user groups of the facility.

The administration for the Arts and Humanities Council could be divided into two departments: student and faculty services, and school management.

Student - faculty services are comprised of a group of individuals that handle admissions, information, scheduling, counseling and records.

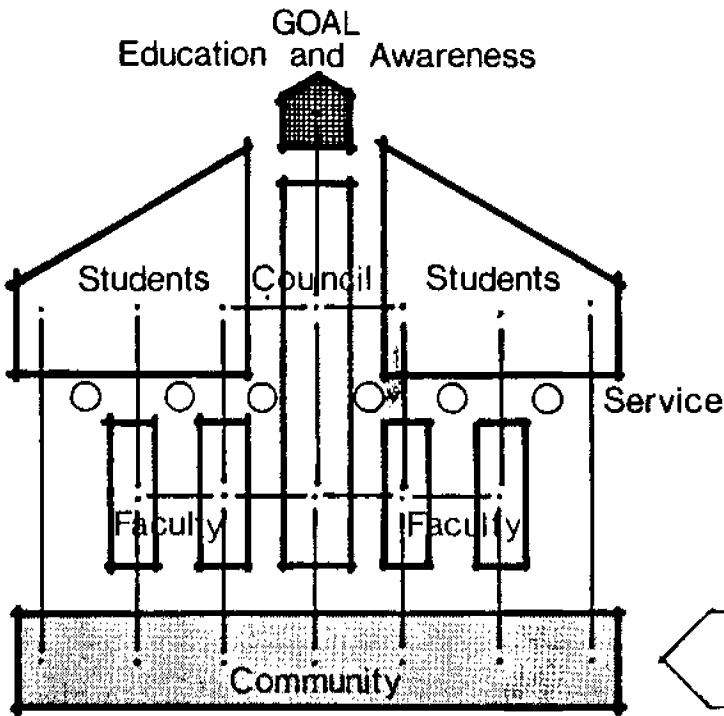
The school management is a group of individuals that handle the activities of the school plant and relationships to the community. Some of their responsibilities are: administration, personnel, exhibition, scheduling, public relations, and finance.

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## The Community



The community can be divided into two user groups: those visitors who regularly come to the school not as a student, but rather to view the exhibits and hear the presentations of the various artists and those visitors who come for the first time to learn about the school educational programs

Special attention should be given to the school's commons area as to provide an environment conducive to public information and interaction with the arts. At the commons area would be displayed and given away schedules and announcements of arts events to take place throughout the city as well as within the school.

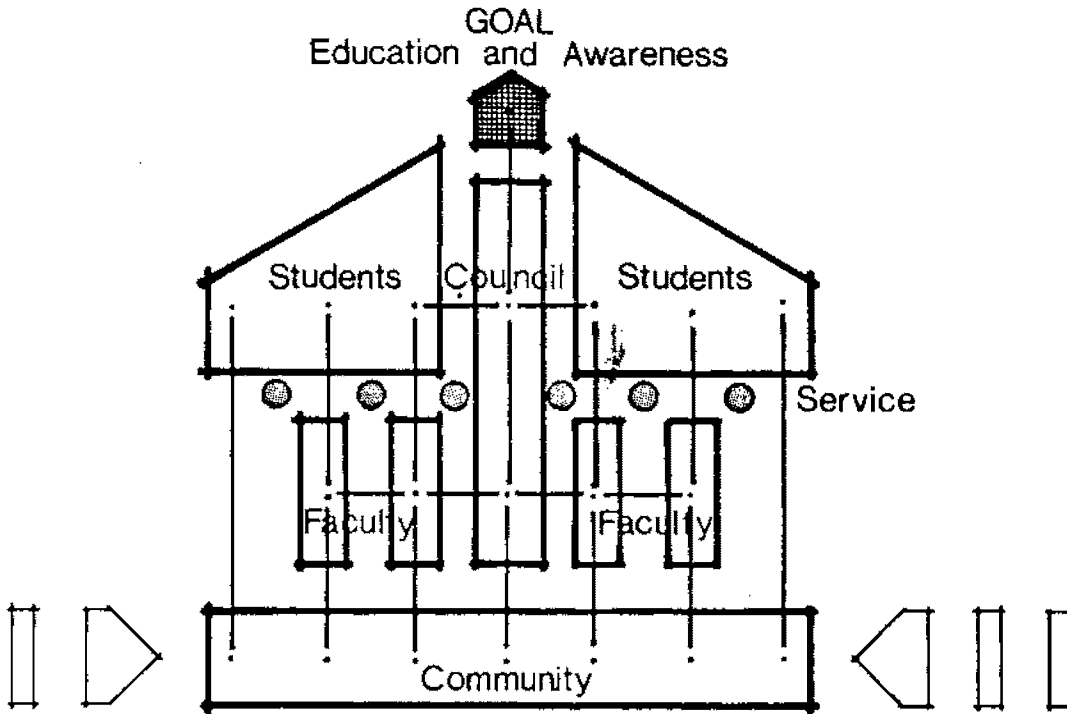
It is vital that the community share in the achievement of the students by attending recitals and exhibitions of the students. In this way the community becomes a part of the living museum atmosphere.

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## The Service

Individuals who are primarily concerned with the maintenance and service of the facility. Special attention should be given to service areas in order to give this group the best working conditions to ensure maximum work done in a specific time frame.

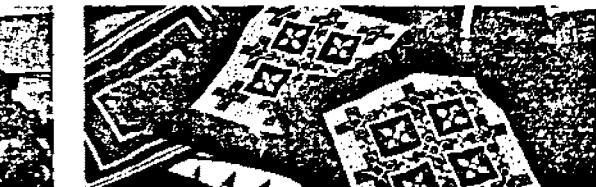


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# EXISTING PROGRAMS

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The Arts and Humanities Council, initially formed as a volunteer coordinating body for the arts organization of Tulsa, has since evolved into a catalyst for generating programs and services with the ultimate goal of making Tulsa one of the finest communities in which to live. The Council is made up of 77 member organizations, each of whom is funded independently of the Council and devises its own programs.

Some of the programs and publications sponsored by the Council are the Tulsa International Mayfest, Humanities Programs, Artists in the Schools, On Tour, Tulsa Summerarts, and Arts in Education.

Mayfest, Tulsa's celebration of spring, is four days of arts and crafts, delicious foods, music, and "hands on" arts activities for children.....no matter what the age! Attracting over 400,000 visitors, its sole intent is to create an awareness of the arts and provide a market place for artists and performers to entertain and show their work.

The Humanities Programs, a new addition to the Council, reflect in a verbal and conceptual manner upon all aspects of human endeavor and experience. The humanities help to define and explore values. Artists create, humanists place that creation in perspective. Many concerts, commentaries, and critical plays are being programmed

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The purpose of the program is for teachers and students to develop skills of perception rather than performance. It proposes not to teach one how to dance, but how to appreciate a dance ----- to have an understanding of how all the parts fit together. Arts education should be concerned not just with developing the skills of the talented but opening up for everyone the opportunities to enjoy and view with appreciation and understanding those skills of the talented.

Fund-raising, like most non-profit organizations depend upon public and private contributions. Some Council programs are supported by specific grants from the State Arts Council of Oklahoma, and The National Endowment for the Arts. Among other means of support, the Council runs two annual fund raising campaigns ----- the televised auction of goods and services known a KANCHI on KTUL - TV Channel 8, and the Corporate Fund Drive.

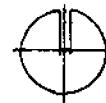
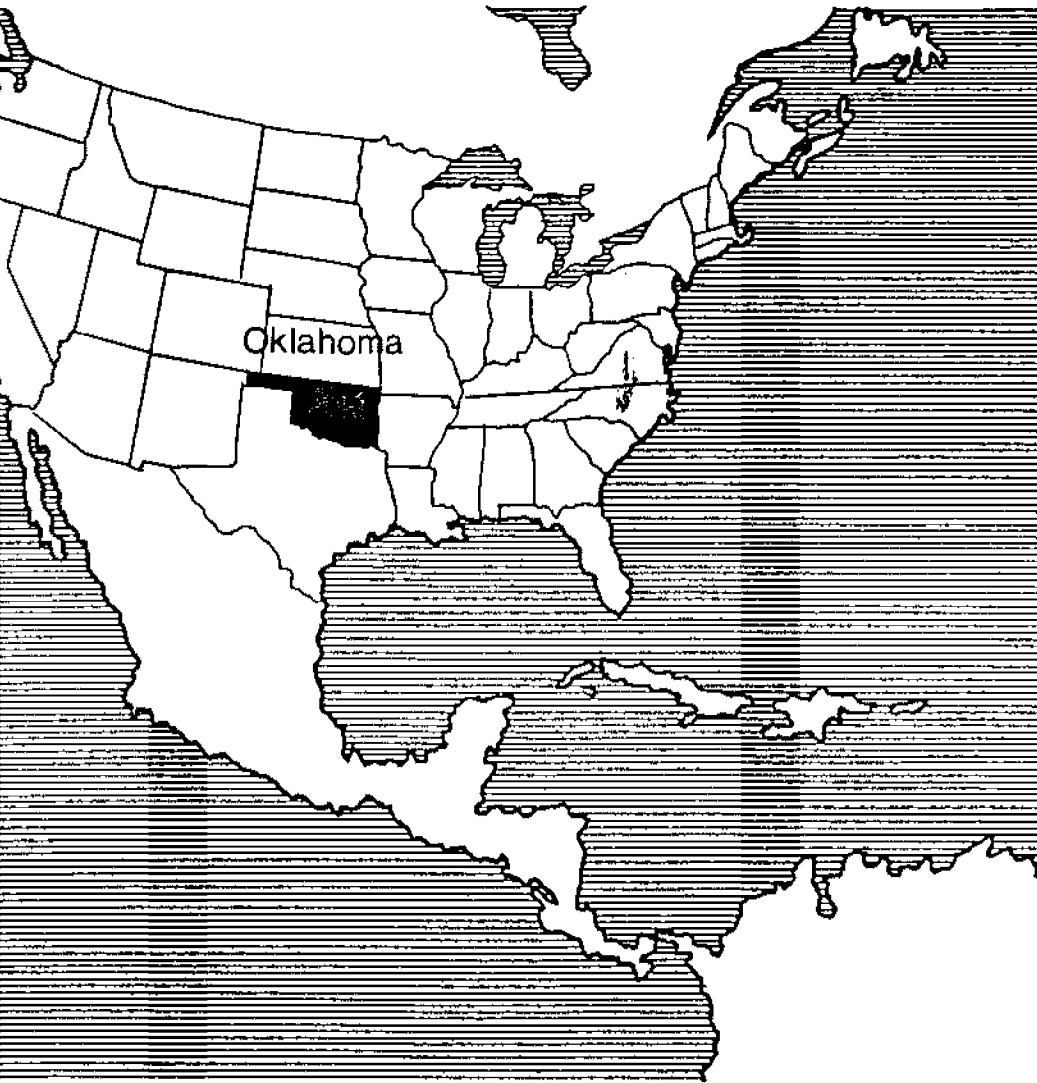
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SITE ANALYSIS

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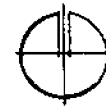
# NATIONAL MAP



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# STATE MAP

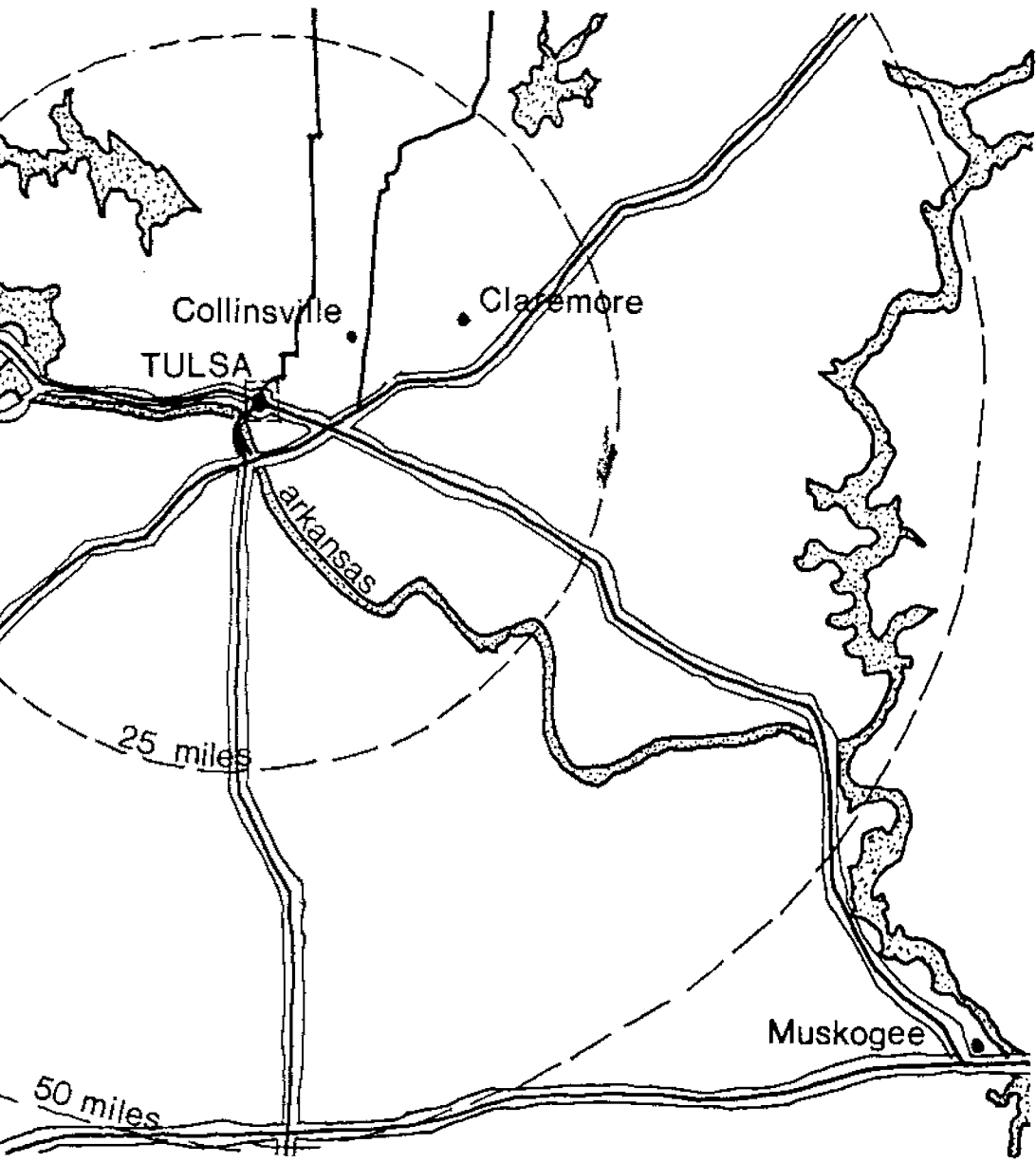


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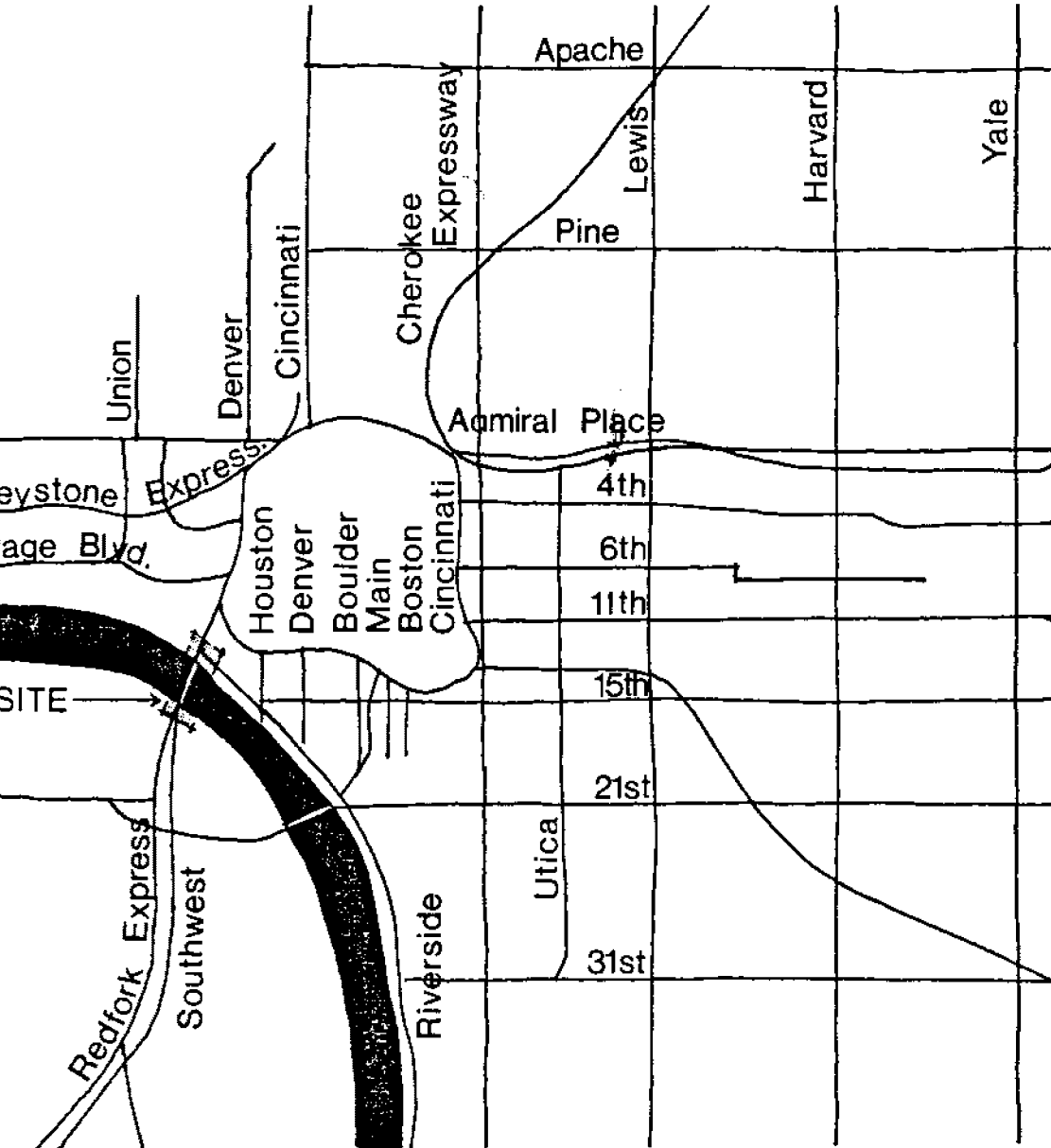


# REGIONAL MAP



## BRIDGE FOR THE ARTS

CONTEXT MAP

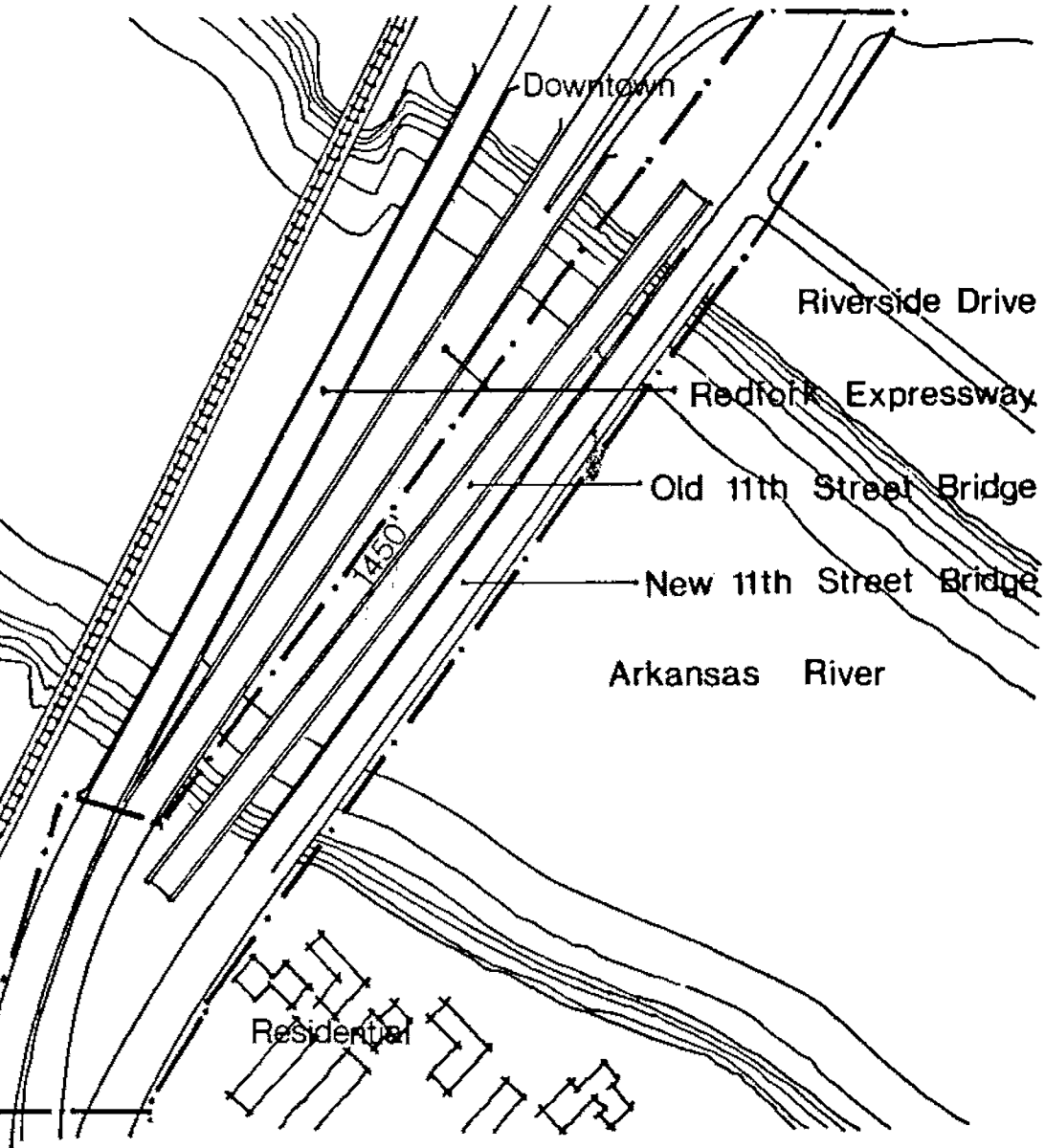


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# SITE BOUNDARIES

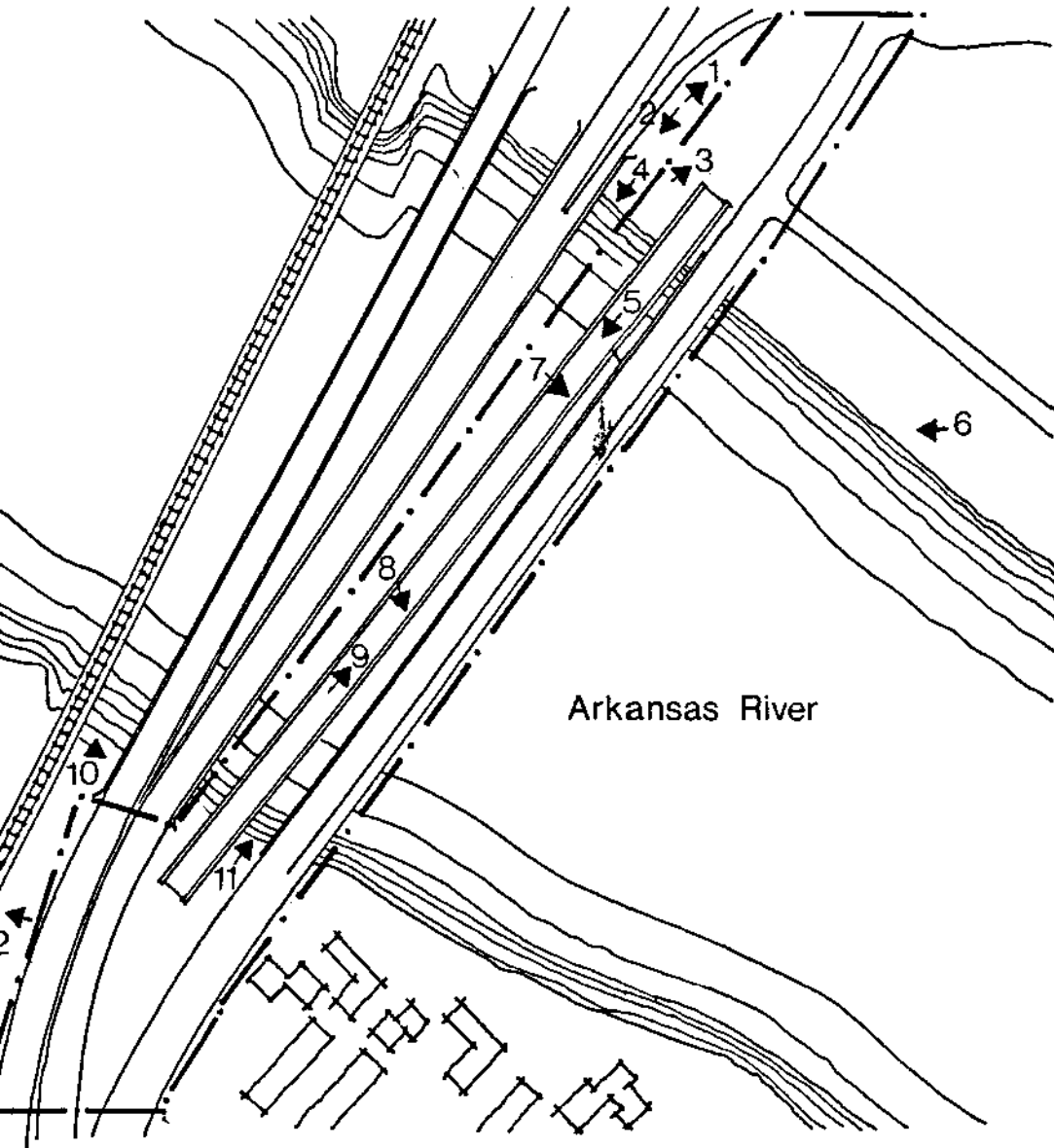
The site is located along the Arkansas River, atop the Old 11th Street Bridge. The site is bounded on the north-west by the Redfork Expressways; the south-east by the New 11th Street Bridge. There are many amenities offered to the site such as 5 minute proximity to downtown, integration with the River Parks, and high visibility from roads and expressways. Context around the site is quite diverse. It ranges from industrial on the west bank to Historical on the east bank.



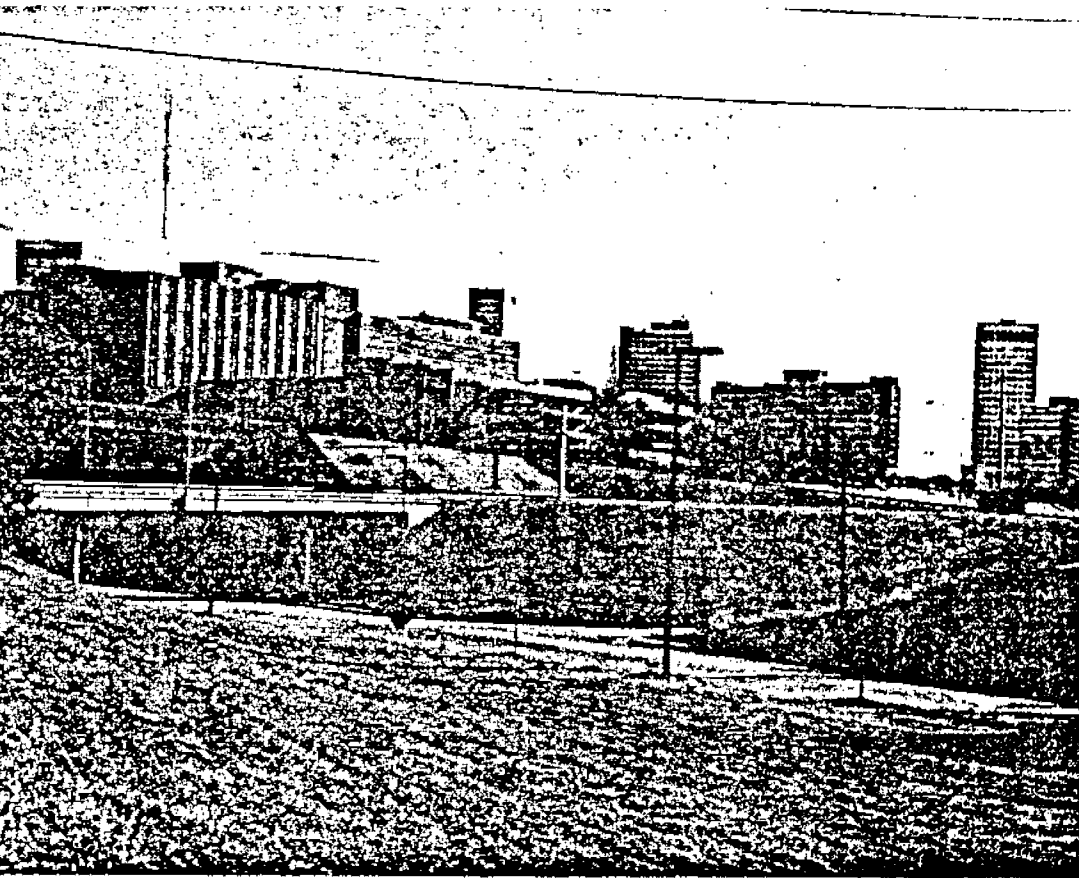
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# SITE PHOTOGRAPHS



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1. Picture taken from the north-east bank looking north-east towards downtown. Site sloping down to Redfork Expressway to grade at bridge entry. View to downtown skyline blocked by Osteopathic Hospital.

Consideration: Enhance views toward downtown area.

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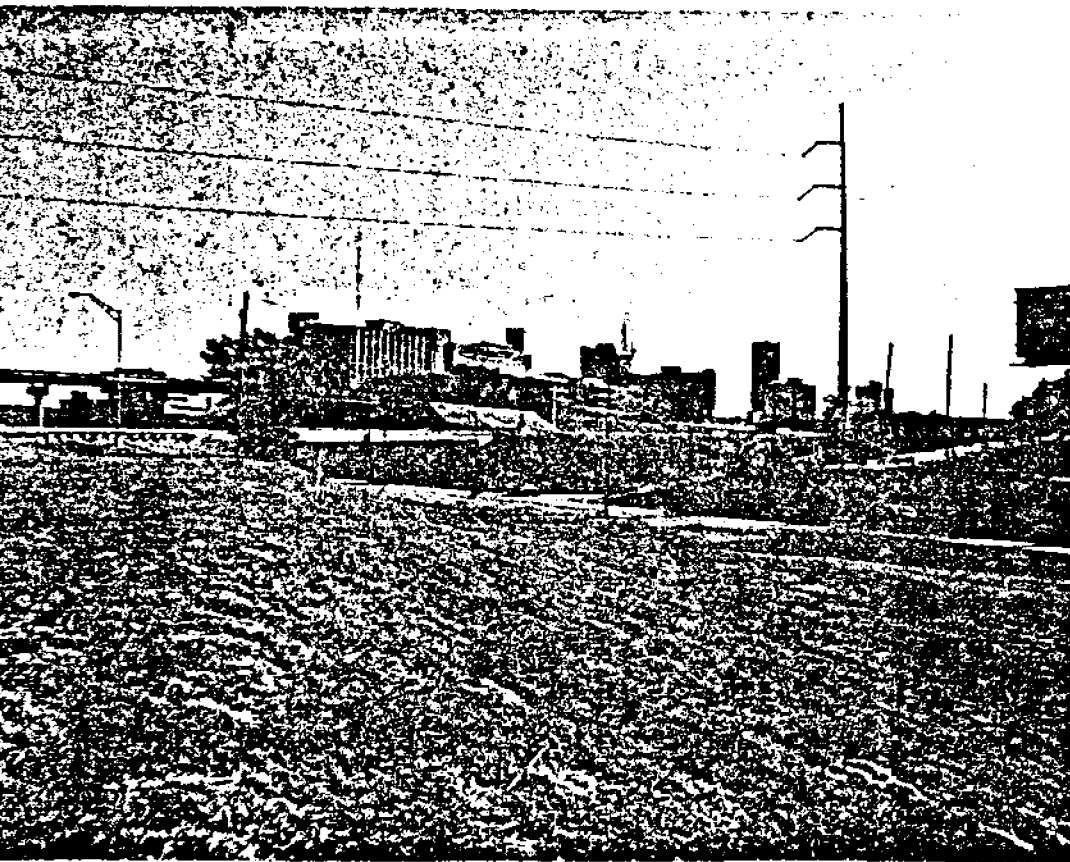


2. Picture taken from the north-east bank looking south-west towards the site. Note slope of grade from expressway to site. Silhouette of residential against distant hills poses a drastically different view.

Consideration: Forground of photo could serve as a possible solution to surface parking.

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3. Picture taken from the north-east bank looking north-east towards downtown. Overpass forms an entry point into the site.

Consideration: Initial image from downtown begins at this point.

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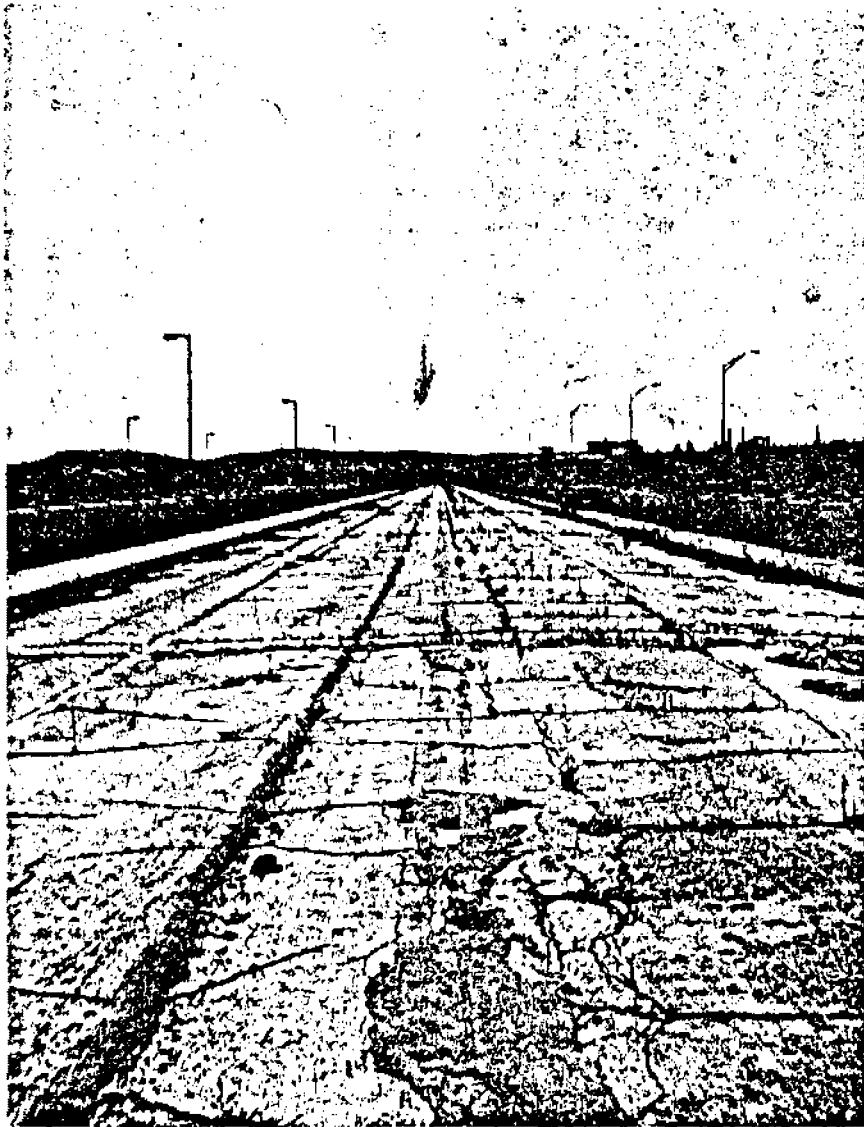
4. Picture taken from the north-east bank looking in between the Old 11th Street Bridge and the Redfork Expressway. Note waterlevel to elevation of the bridge. Also note distance in between bridge and expressway

Consideration: Areas in between the two spans could be used as a possible solution for a parking structure.

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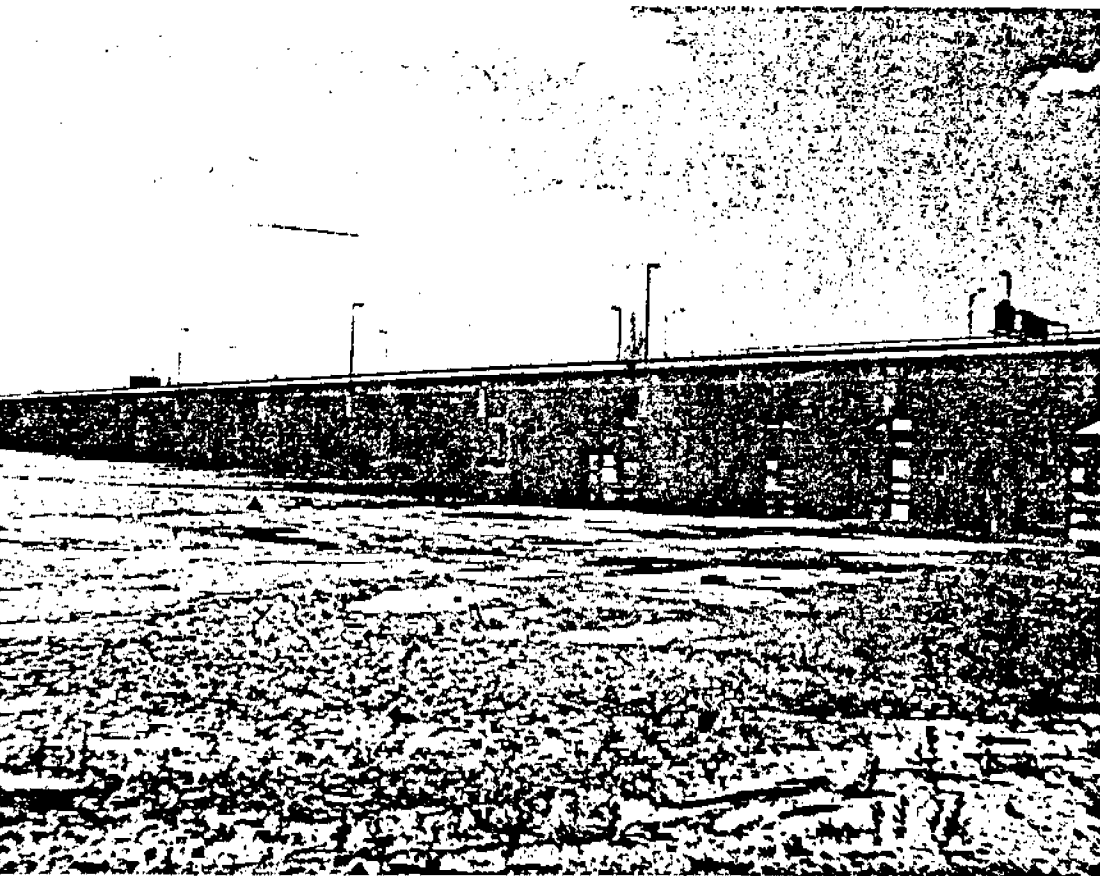


5. Picture taken looking south-west down the axis of the bridge

Consideration: surface modification

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6. Picture taken from the north-east bank at water level. Notice image of the new 11th Street Bridge is hiding views to the old.

Consideration: Incorporate image of the new bridge into design

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7. Picture taken from atop the old bridge looking south-east down the Arkansas River. View to 21st Street Bridge and residential tower can be seen in the distance. Forground views to the water blocked by the new 11th Street Bridge.

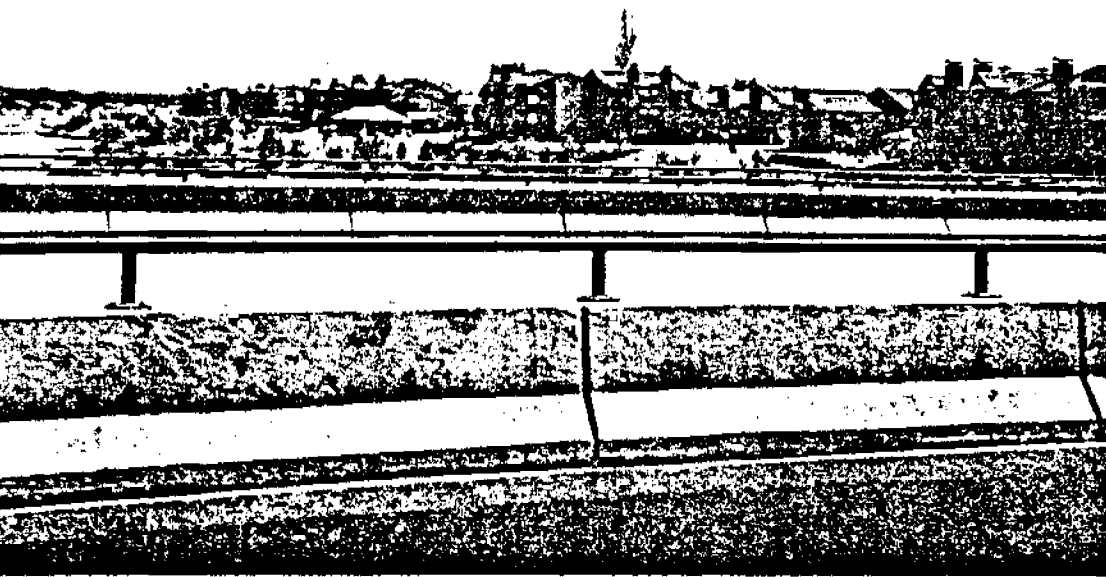
Consideration: Incorporation of the new 11th Street Bridge into the design.

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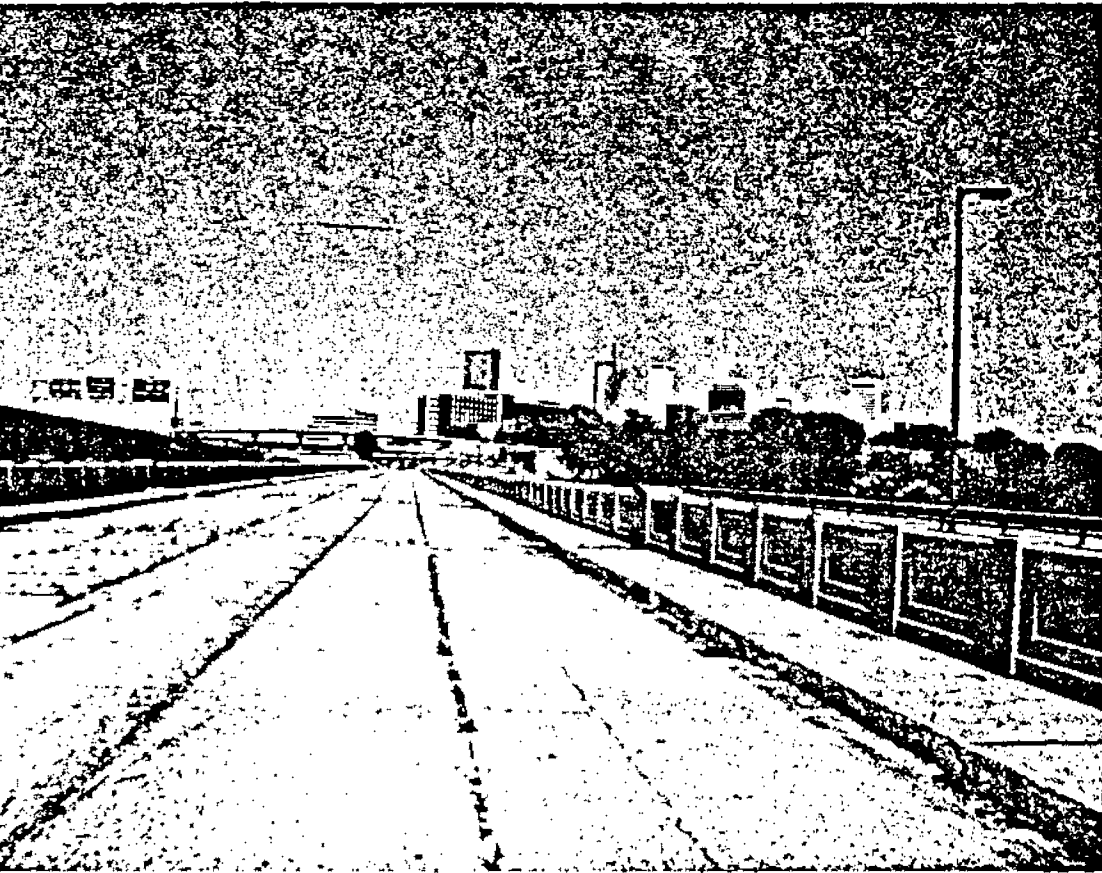
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8. Picture taken from atop the old 11th Street bridge looking south towards the new residential development along south-west bank.

Consideration: Scale of the residential development.



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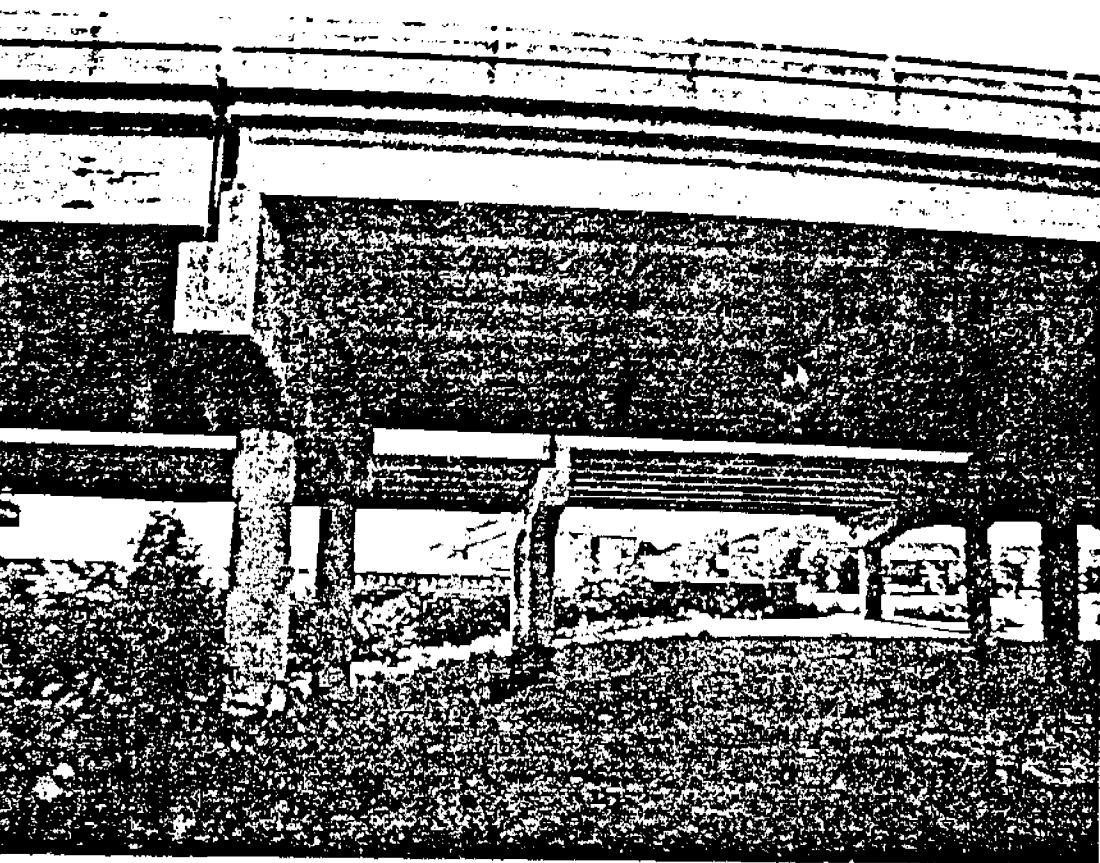


9. Picture taken from atop the old 11th Street Bridge looking north-east towards downtown. Notice Redfork Expressway on the left and River Parks on the right.

Consideration. Variety of the views from the bridge.

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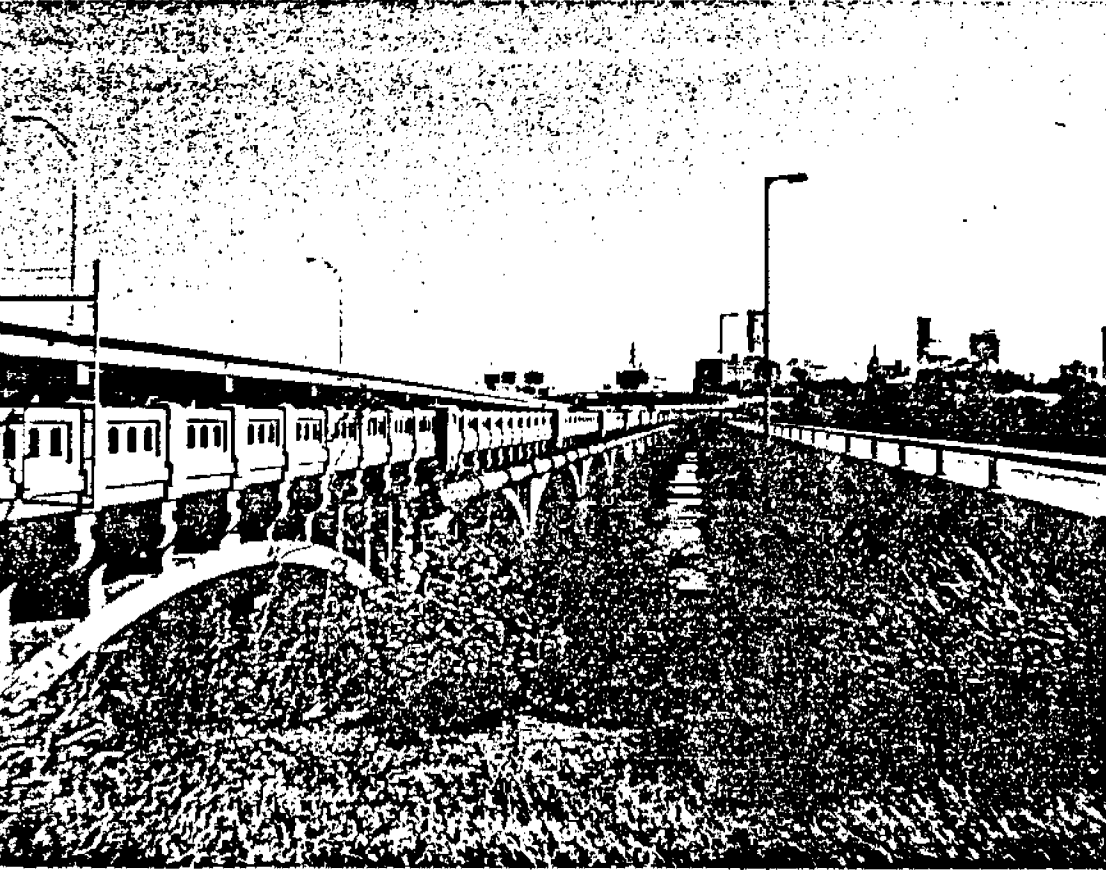


10. Picture taken on south-west bank showing clearance underneath Redfork Expressway.

Consideration: possible solution to surface parking

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11. Picture taken from the south-west bank looking north-east in between the old 11th Street Bridge on the left and the new 11th Street Bridge on the right.

Consideration: functional integration in between the two bridges

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12. Picture taken looking west towards industrial context.

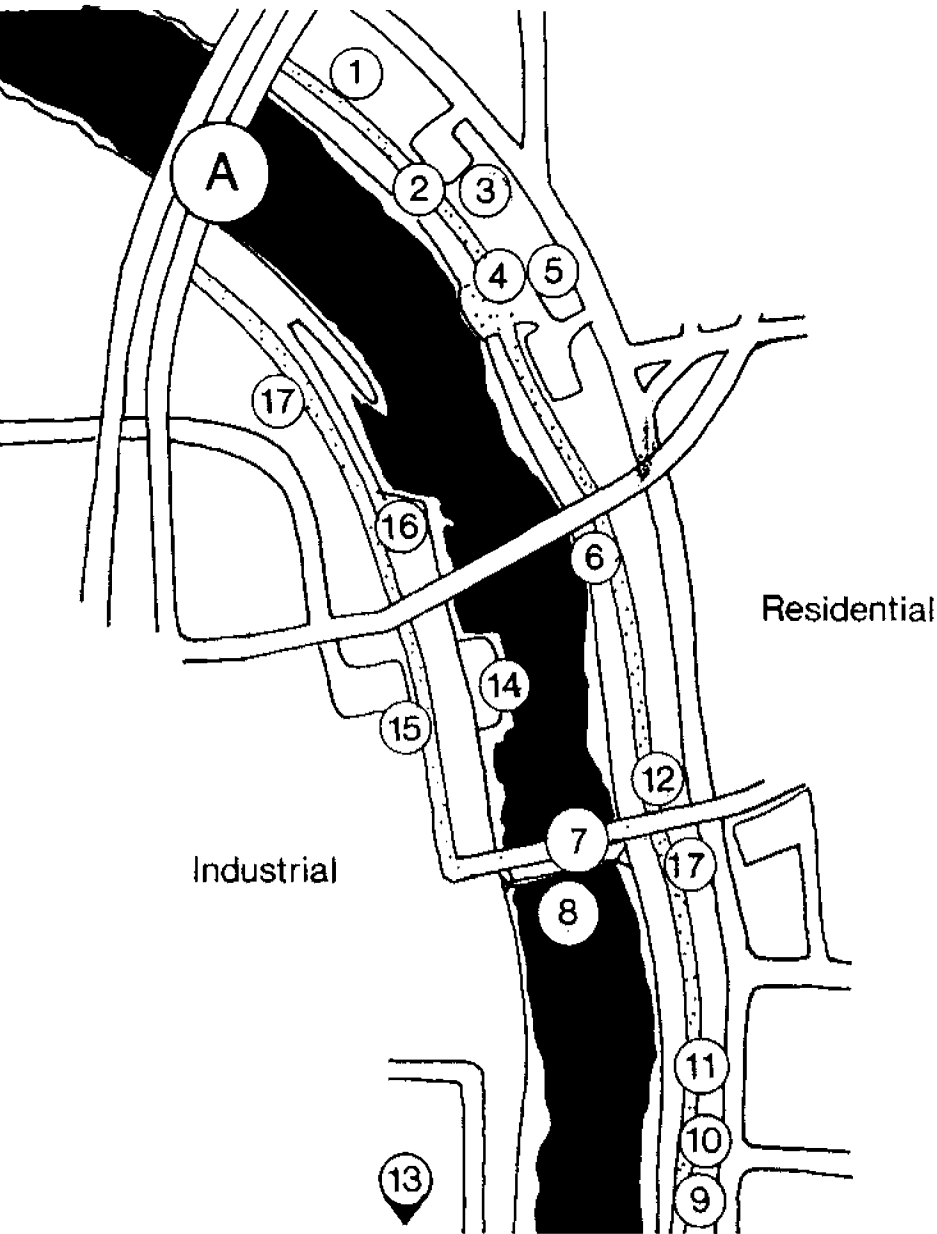
Consideration: possible form givers

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# MASTER PLAN



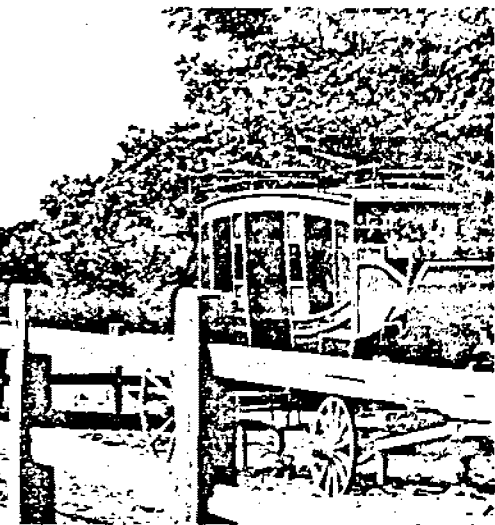
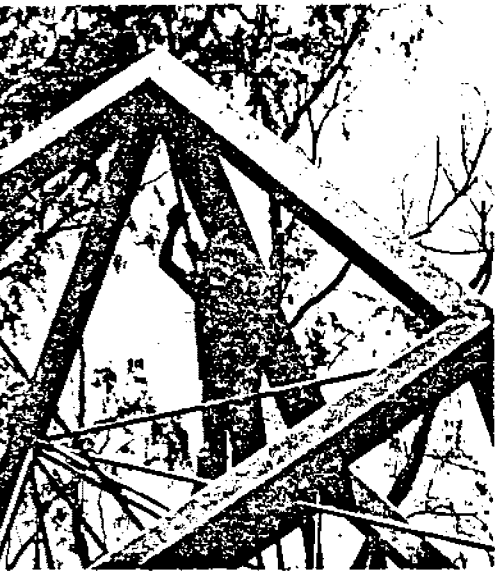
River Parks, nestled on the banks of the Arkansas River in the heart of Tulsa, is within walking distance of downtown. Five miles of linear Park land of the east bank and two miles on the west bank offer the jogger, bicyclist, nature lover and family a wealth of resources. The park is the center of more than 20 special events each year including movies, concerts, raft race, fireworks, Oktoberfest, Heritage Days, Aquafest and much more.

The park land and facilities are under the direction of the River Parks Authority. Major development of the river banks has been funded through the Tulsa Urban Renewal Authority.

The following are a keyed list of developments along the River Parks.

- A. Proposed site for the Bridge for the Arts.
- 1. Parcours Trails are exercise trails that start north of the Model Park and loop down to 11th Street and back. The one and one-half mile trail is composed of 20 self-explanatory exercise stations ranging

## BRIDGE FOR THE ARTS



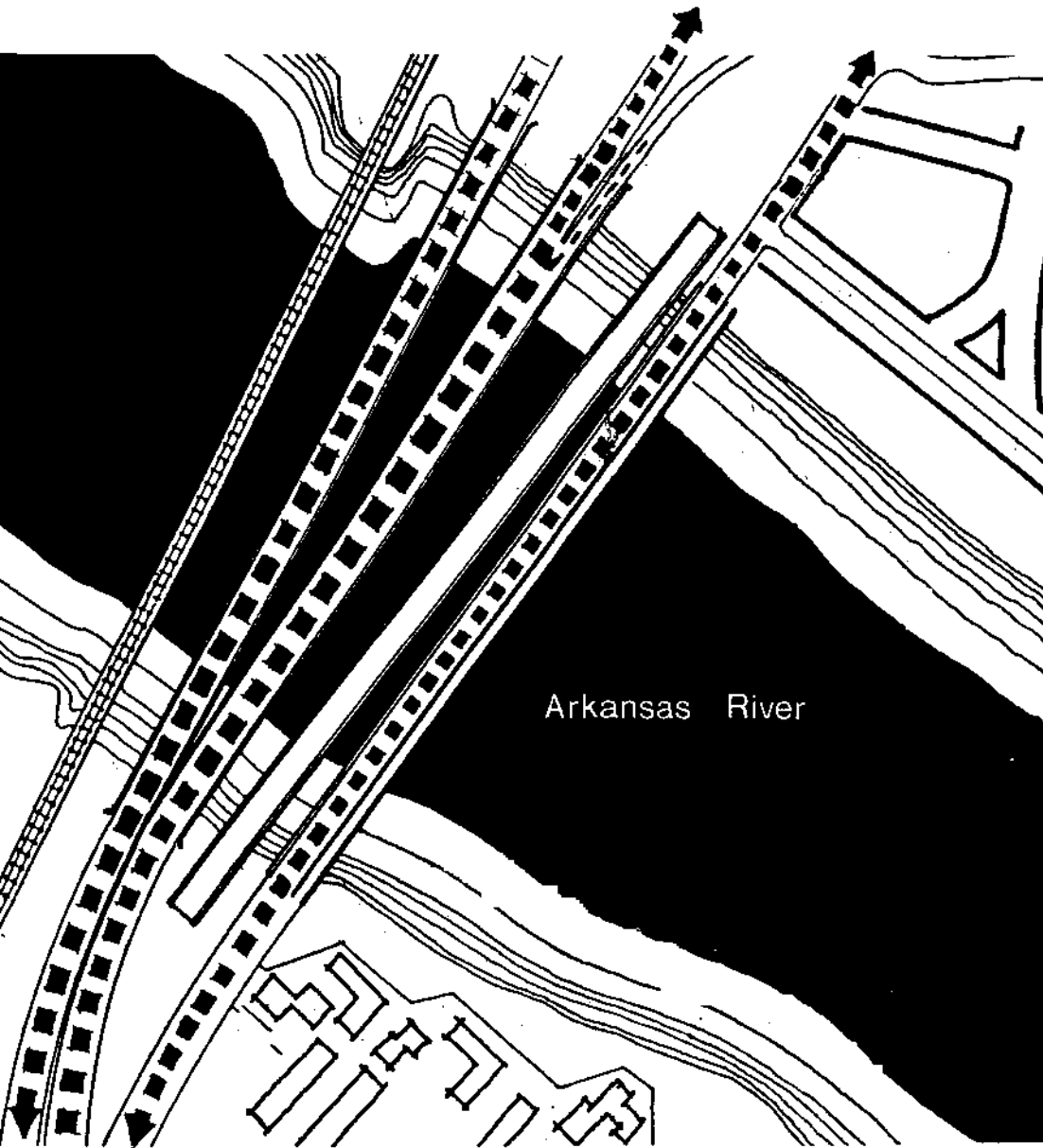
7. The Pedestrian Bridge, 29th and Riverside , spans one quarter of a mile over the Arkansas River, linking the east and west bank trail systems. The bridge itself is actually the adaptive re-use of the Midland Valley Railroad Bridge.
8. Low-Water Dam creates the two-mile Zink Lake from 29th to 11th Street and opens up new havens for water recreation.
9. Frisbee Golf Course, the 18-hole "disc" golf course, offers both amateurs and pros an opportunity to test their skills.
10. 41st and Riverside Drive, a unique area in which all facilities were donated contains a children's playground, a rustic gazebo, a picnic pavillion, large trees, and open area.
11. Rugby Field, located at 36th and Riverside, is the home for the Tulsa Rugby Club.
12. Bicycle and Jogging Trails extend 5 miles on the east bank and 2 miles on the west bank and are connected across the river with pedestrian lanes on the Pedestrian Bridge at 29th Street and on the 11th Street Bridge.

## BRIDGE FOR THE ARTS



13. Turkey Mountain, 61st and Elwood, is a 147-acre urban wilderness area overlooking the Arkansas River. It contains hiking trails and will eventually include an Interpretive Nature Trail.
14. West Bank Sand Bar, an expansive sand bar located just south of the Old West Playground is accessible from the bank for volleyball and the likes.
15. Old West Playground, just south of the 23rd Street Bridge on the west bank, is a multi-modular set to include a stage coach, opera house and blacksmith shop.
16. The West Bank Park is the most recently developed area of the system, and has been designated the official River Parks festival site for such annual events as Oktoberfest. The park contains trails, picnic facilities, a marina, the Donald W. Reynolds floating amphitheatre stage and seating, restrooms, shelter, outdoor lighting and parking.
17. Flag Poles. In West Bank Park, the 140-foot flag pole sporting a 38-foot long flag is reportedly the tallest pole this side of the Mississippi.

## BRIDGE FOR THE ARTS



## TRAFFIC FLOW

11th Street Bridge 9589 cars / 24 hrs

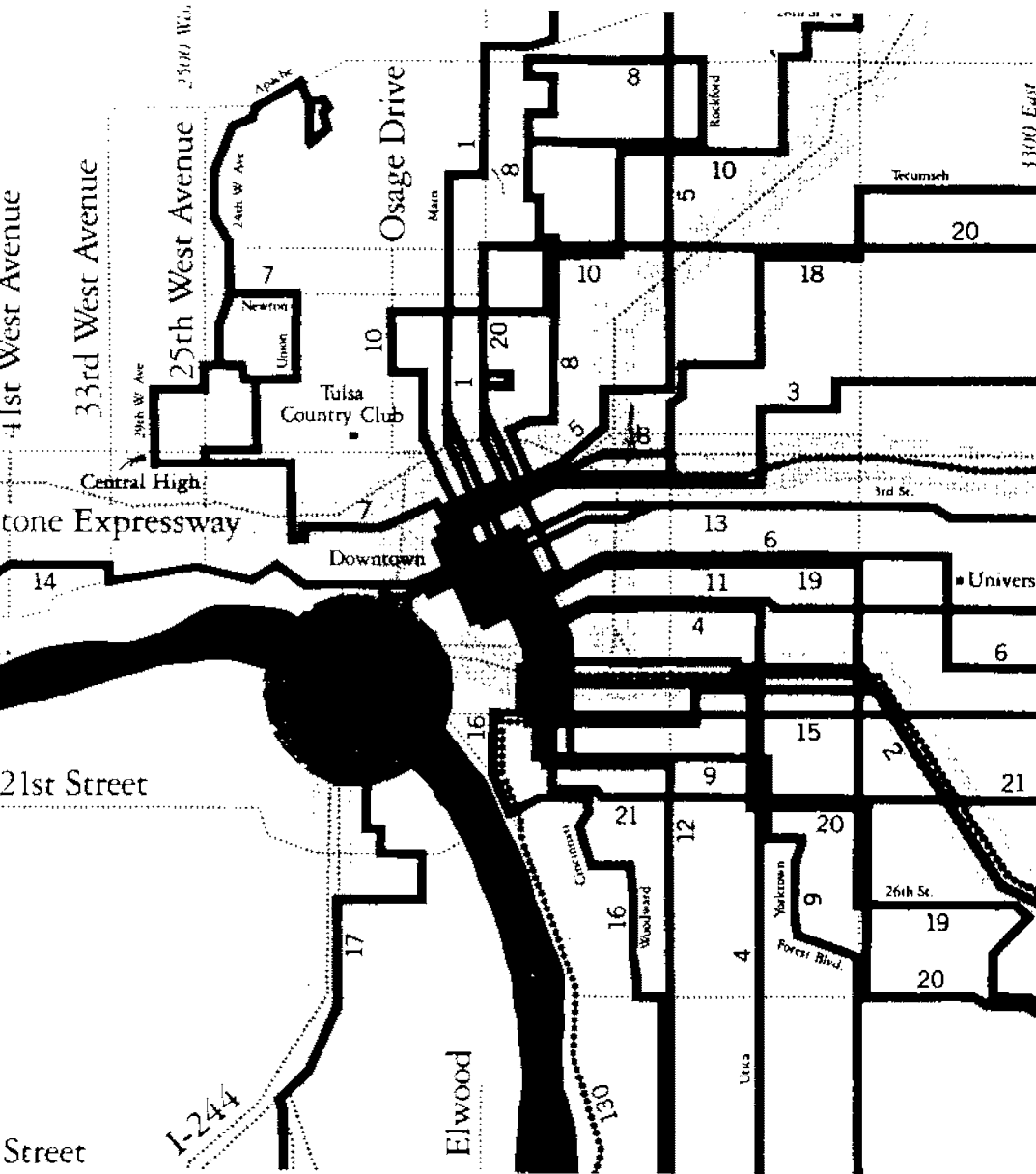
Expressways 69,416 cars / 24 hrs

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# MTTA ROUTES

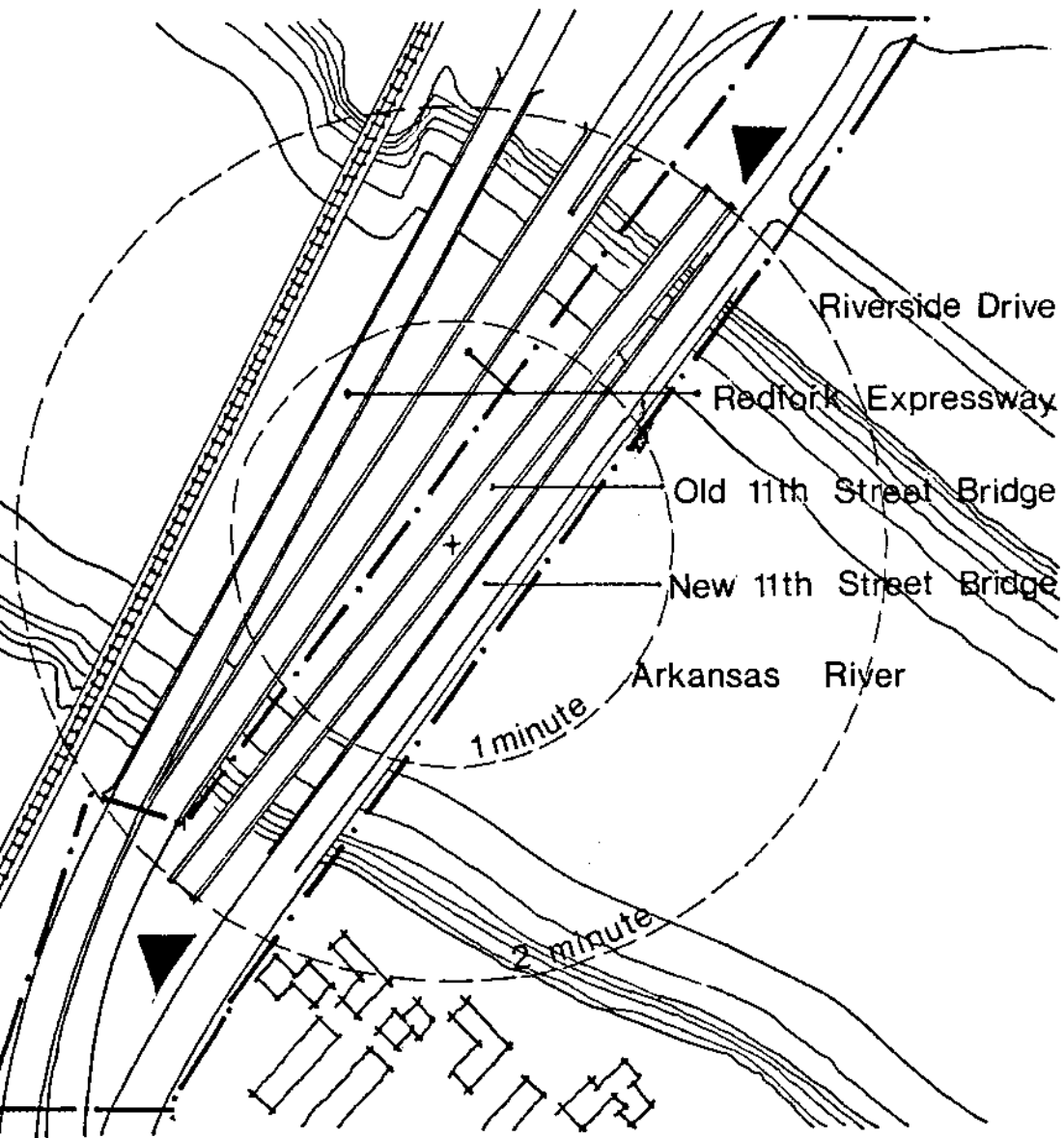
Daily bus routes to most parts of metropolitan Tulsa by route #17 (Southeast Tulsa, Union and 33rd).



BRIDGE FOR THE ARTS

# EXISTING ACCESS

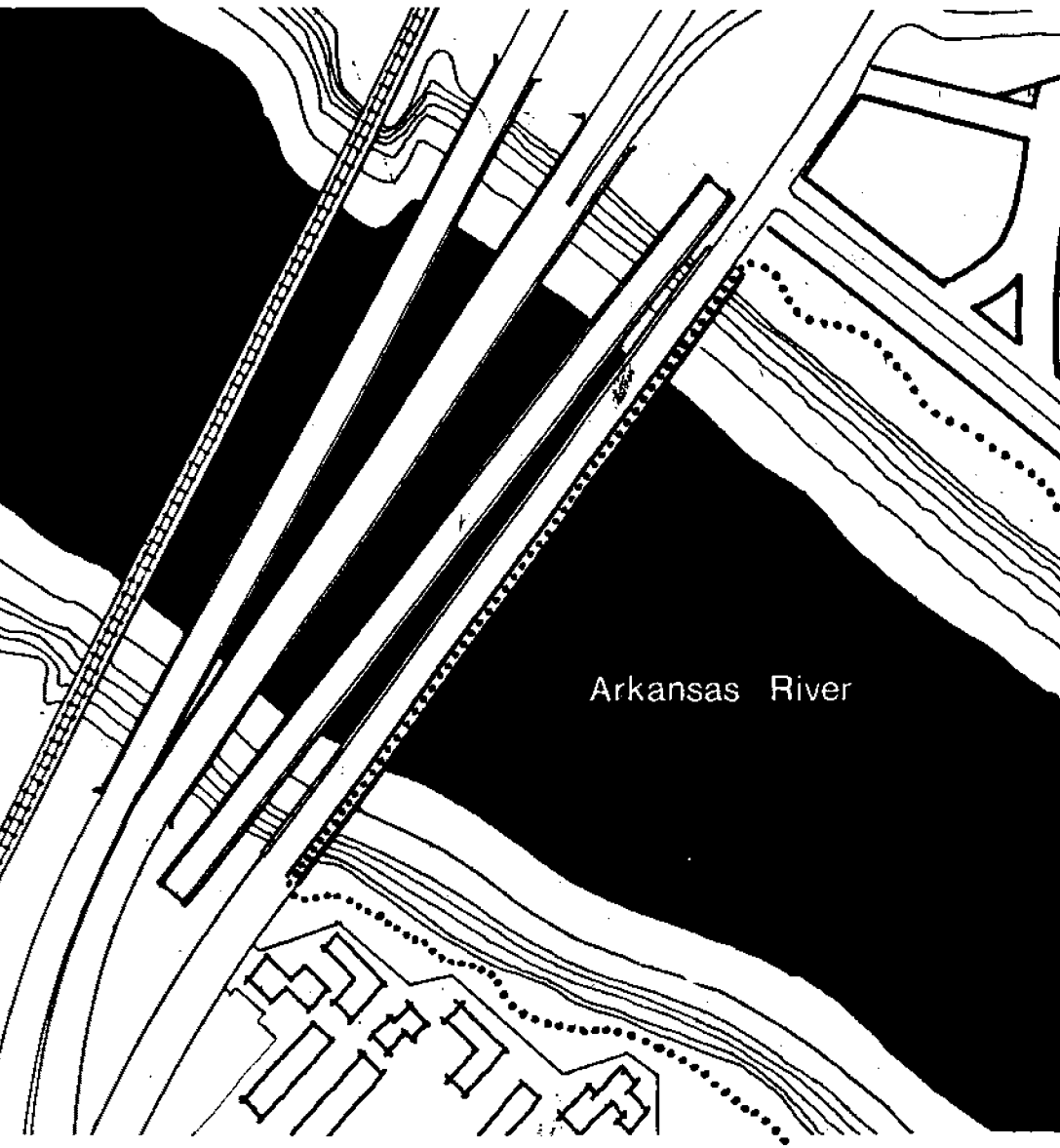
▲ Existing access



BRIDGE FOR THE ARTS

# PEDESTRIAN FLOW

..... Existing Pedestrian Flow



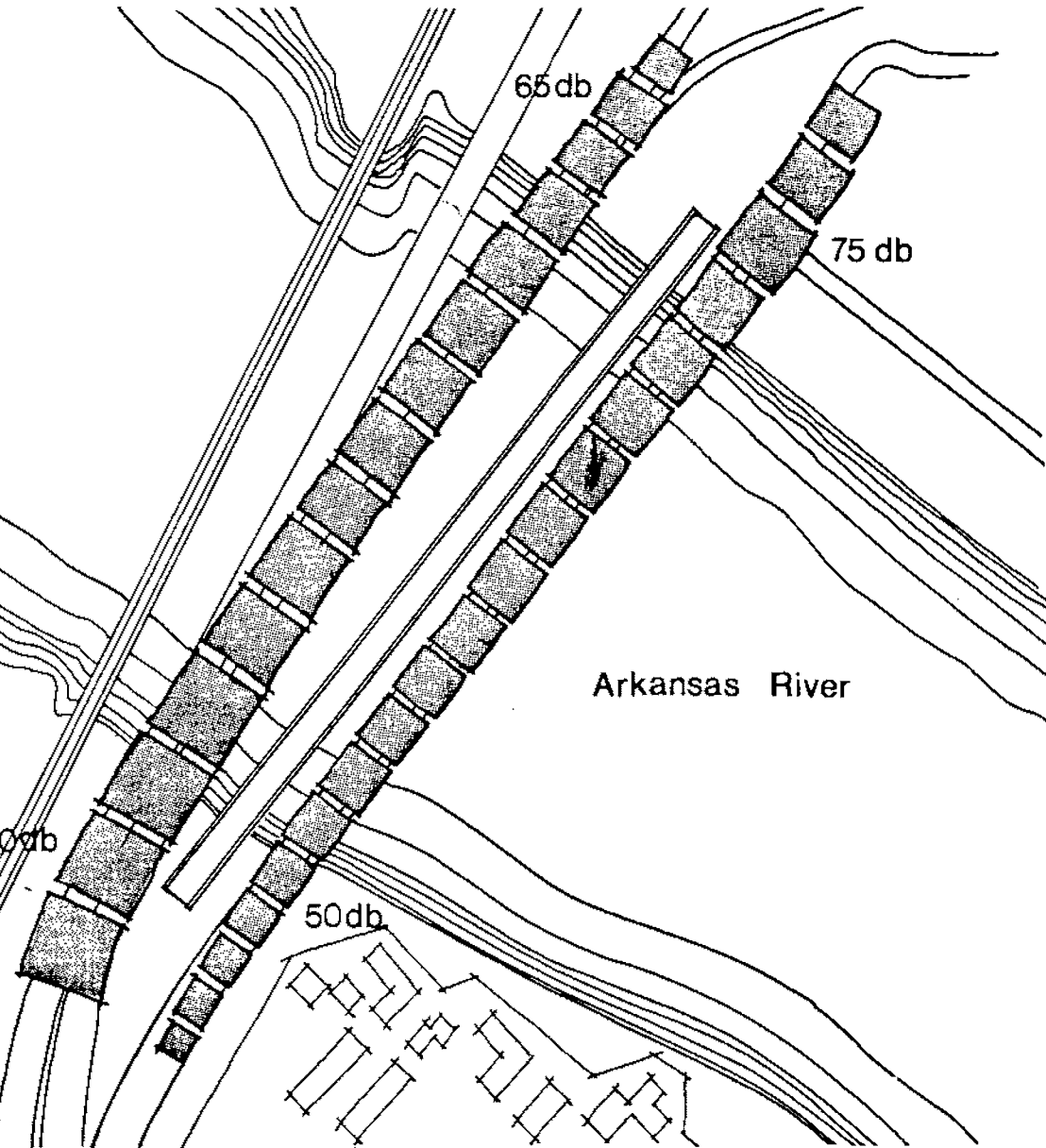
BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

# NOISE BARRIERS

Map shows existing noise barriers produced by the traffic on both the New Eleventh Street Bridge and the Redfork Expressways.

Recommended sound levels for studio schools should be 40 - 45 db.



BRIDGE FOR THE ARTS

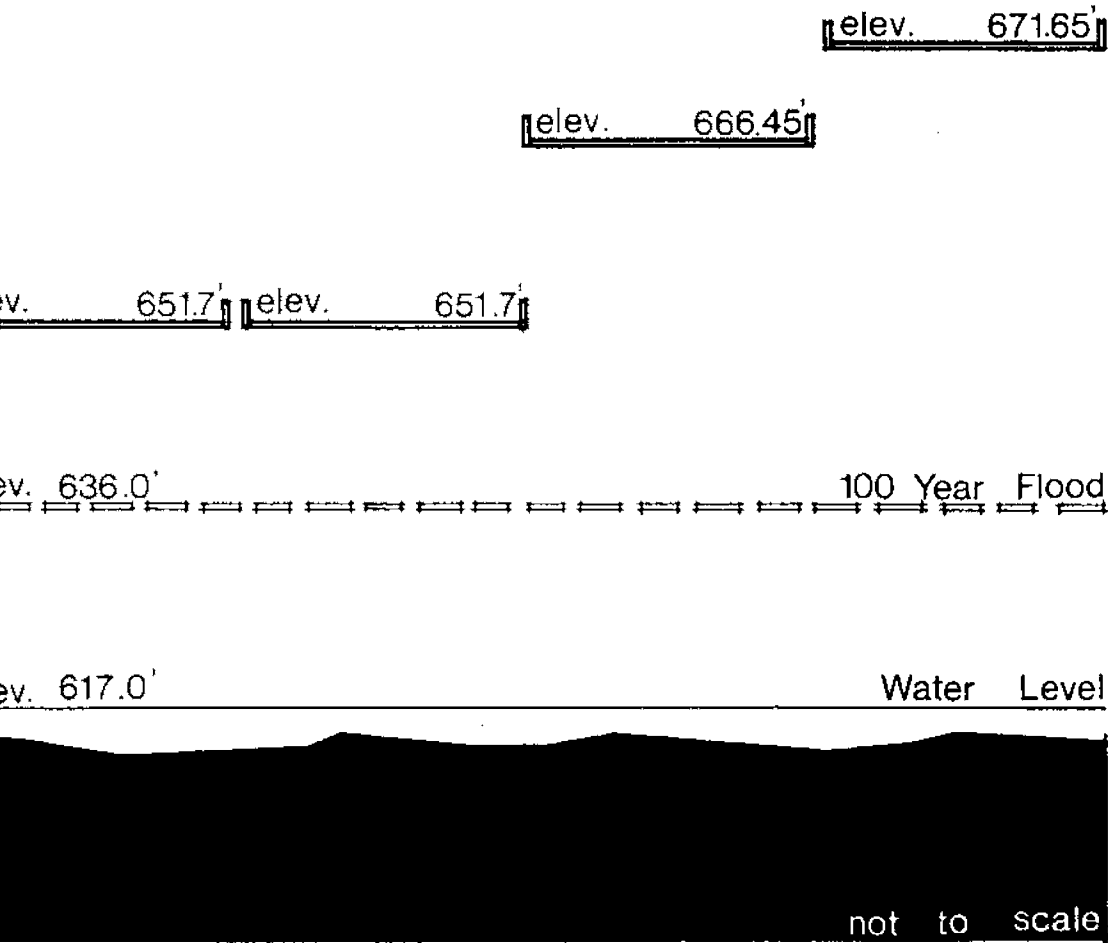
T u l s a O k l a h o m a



# SITE SECTION

W Eleventh Street Bridge      Old Eleventh Street Bridge      Redfork Expressways

Site section cut to show elevations of bridges and water levels. Horizontal distances do not represent actual dimensions.

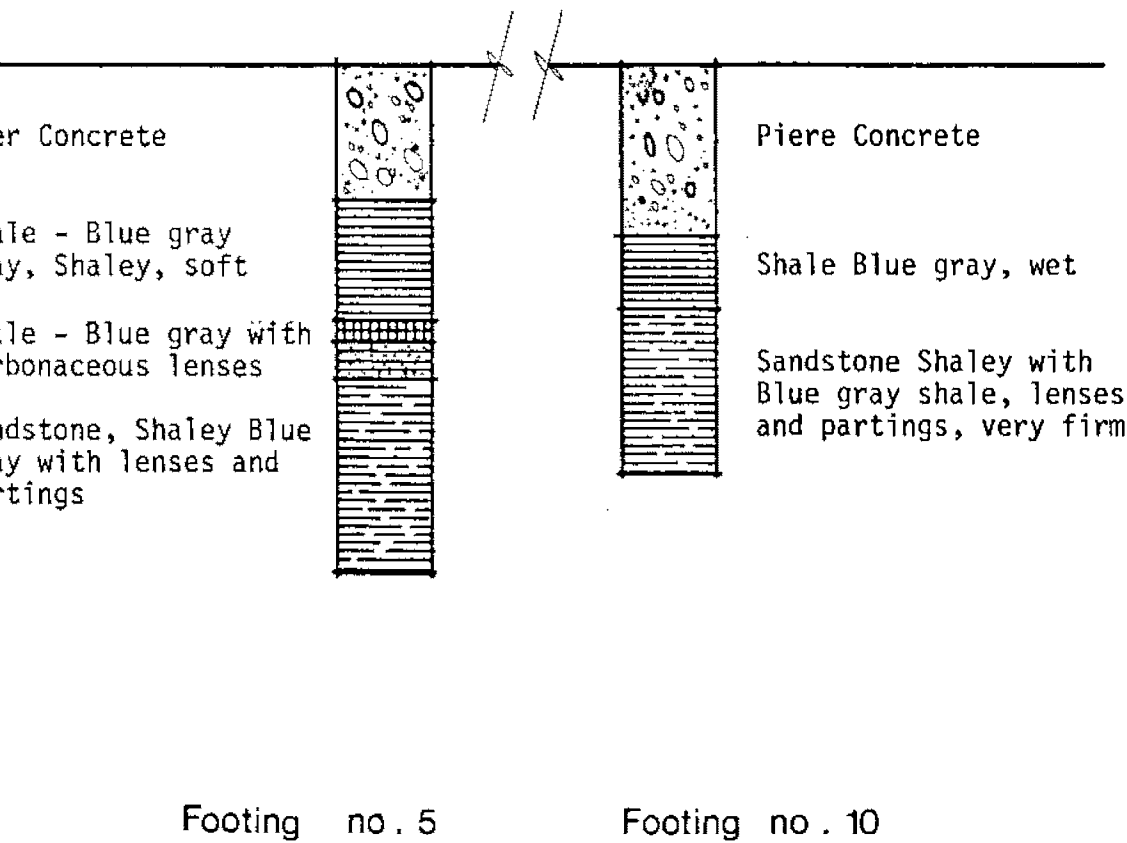


BRIDGE FOR THE ARTS

T u l s a . O k l a h o m a

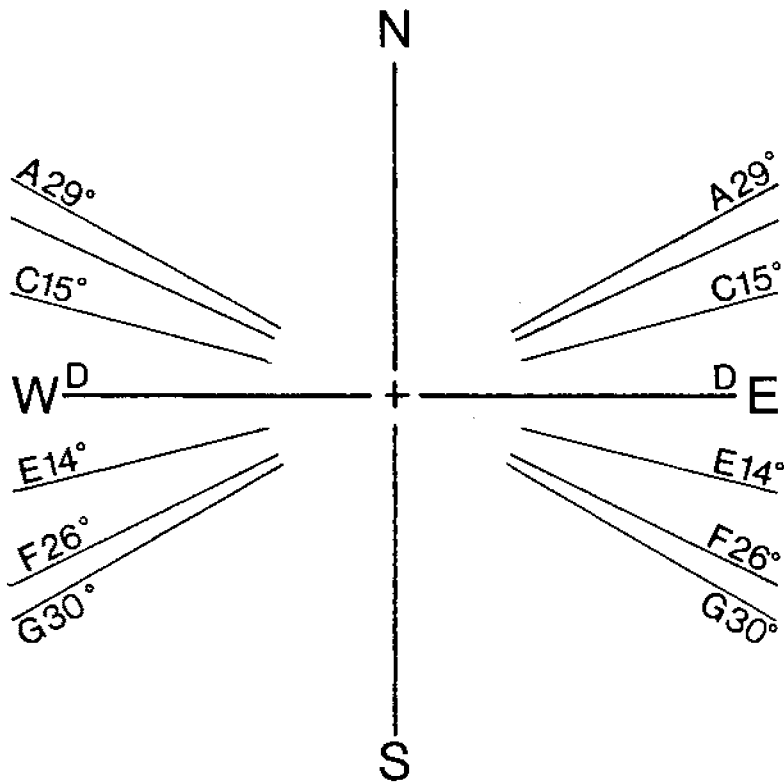
# SOIL CONDITIONS

TYPE	DESCRIPTION	UNCONFINED STRENGTH PSF
#5	Shale; Dark gray	266,792
	Sandstone, Shaley Blue gray	757,398
#10	Shale, Blue gray	895,626
	Sandstone, Shaley Blue gray	904,897



BRIDGE FOR THE ARTS

# SOLAR AZMUTH

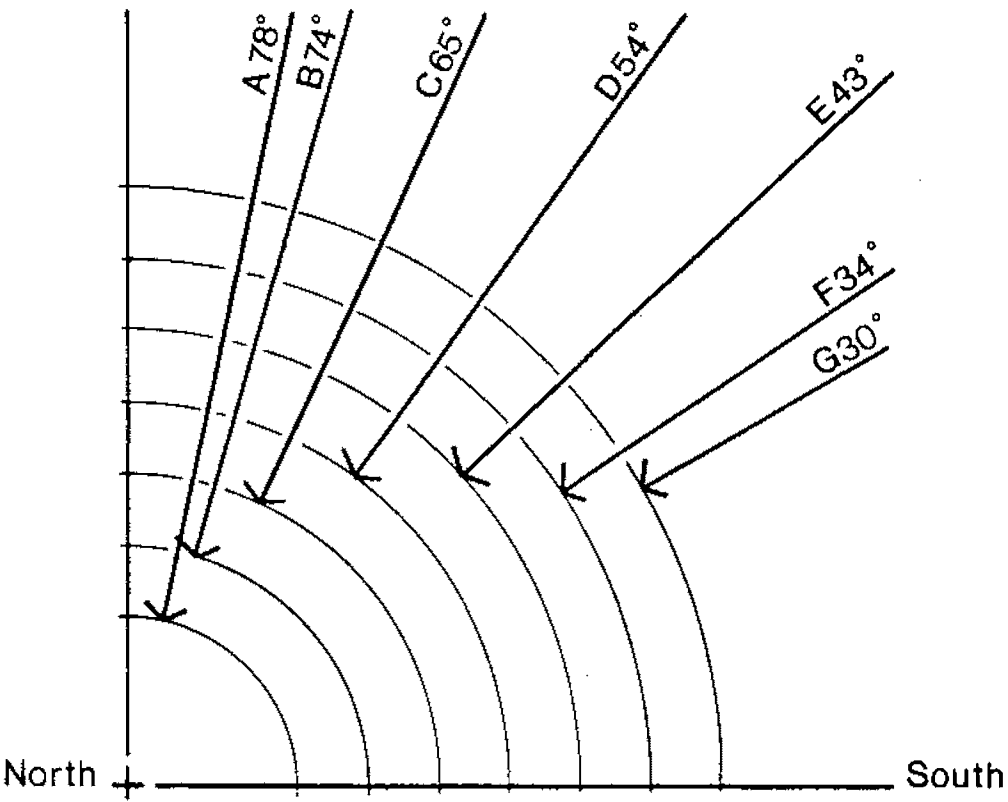


- A. June 22
- B. May 22 - July 22
- C. April 22 - Aug 22
- D. March 22 - Sept 22
- E. Feb 22 - Oct 22
- F. Jan 22 - Nov 22
- G. Dec 22

BRIDGE FOR THE ARTS

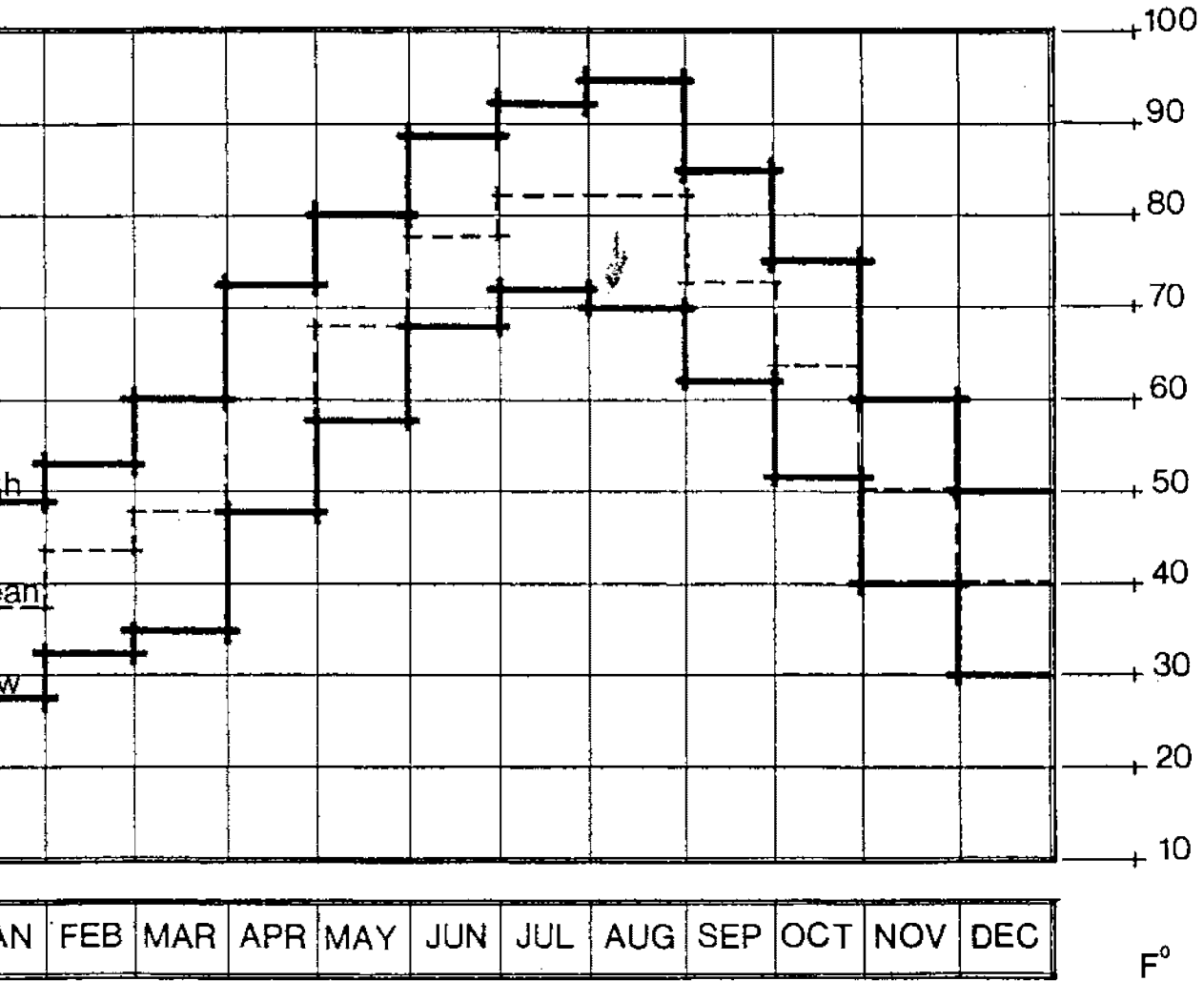
T u l s a O k l a h o m a

# SOLAR ANGLES - 36°



- A. June 22
- B. May 22 - July 22
- C. April 22 - Aug 22
- D. Mar 22 - Sept 22
- E. Feb 22 - Oct 22
- F. Jan 22 - Nov 22
- G. Dec 22

AVG. TEMPERATURES

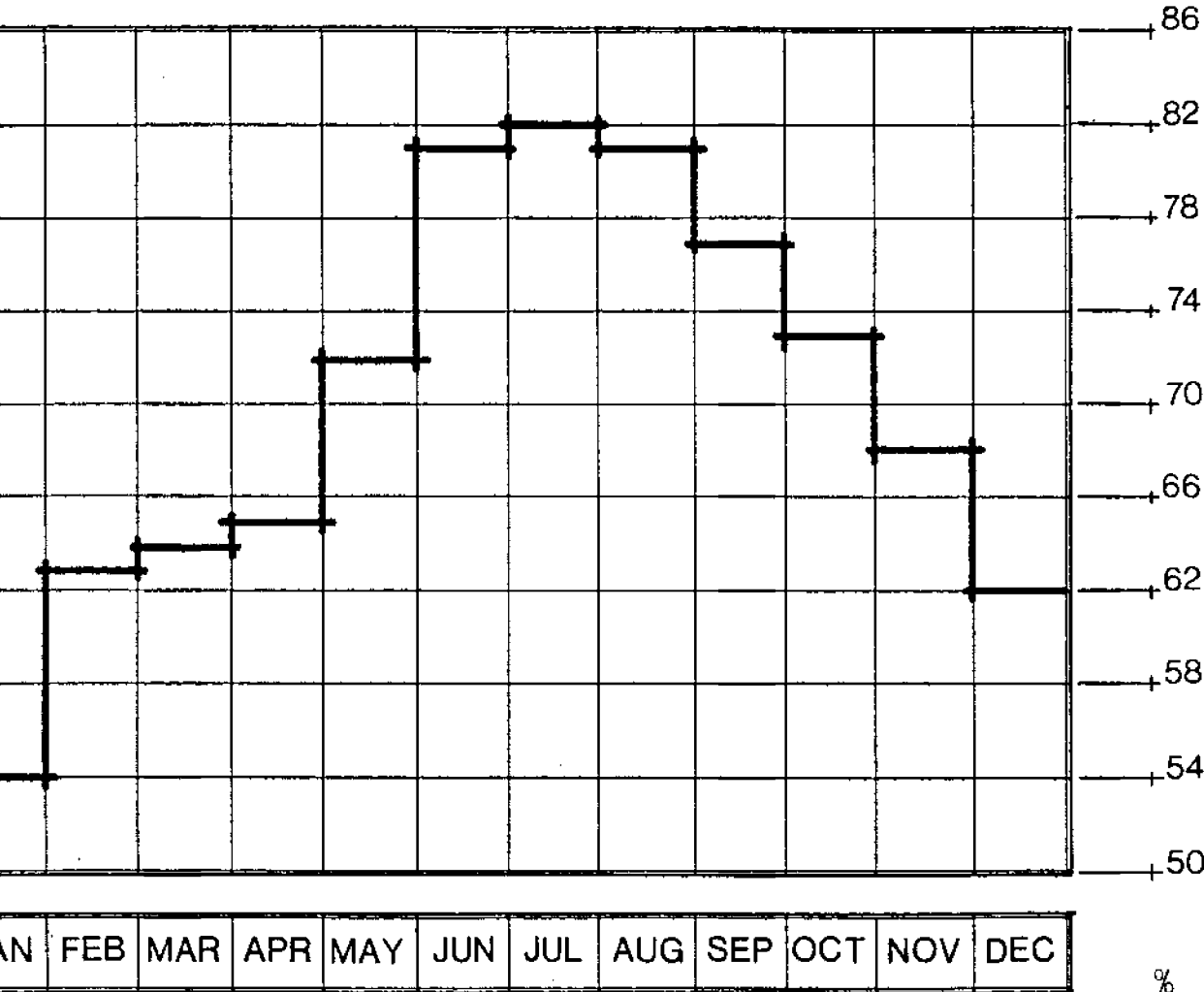


F°

BRIDGE FOR THE ARTS

Tulsa, Oklahoma

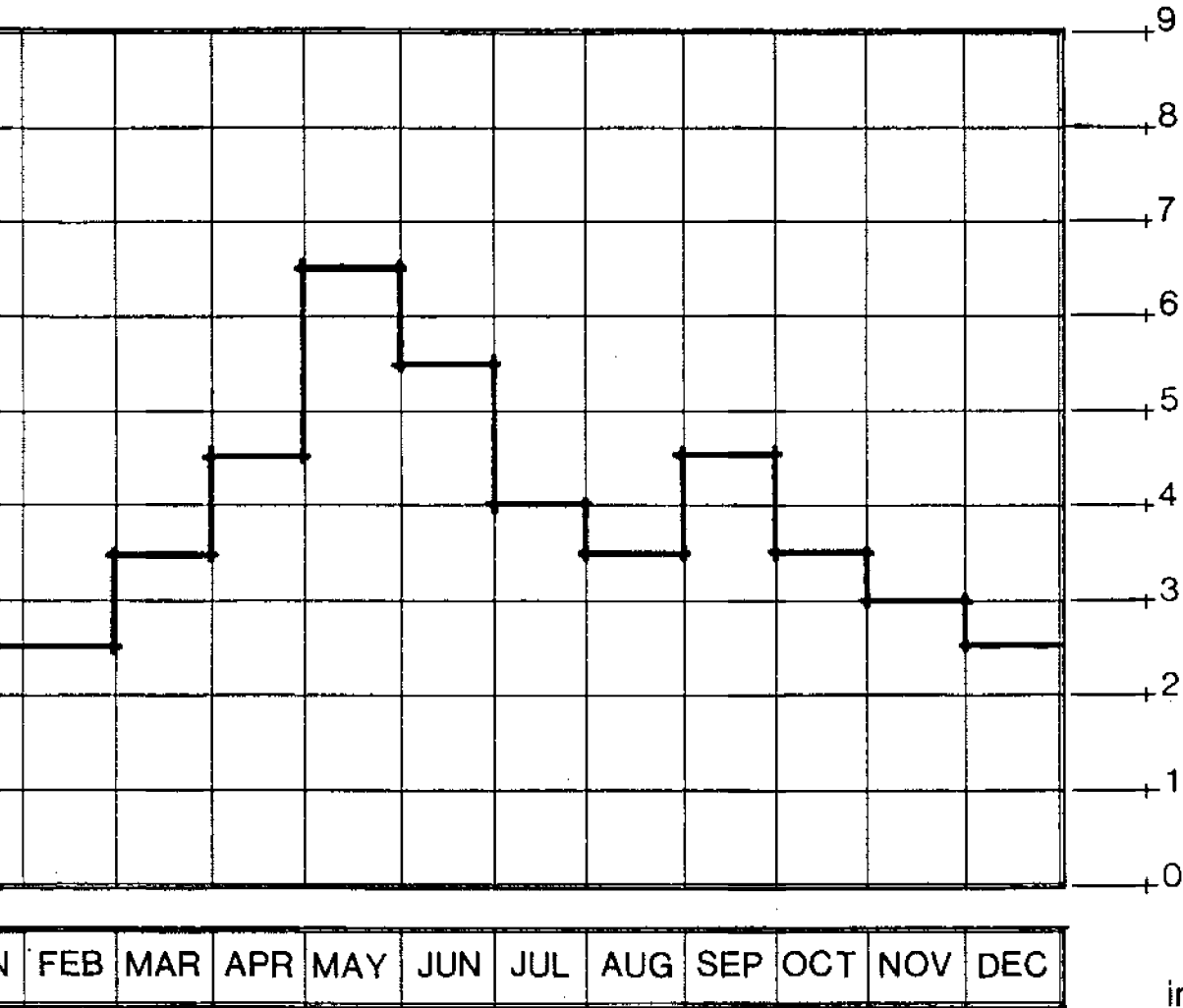
# SUNSHINE



BRIDGE FOR THE ARTS

Tulsa, Oklahoma

# AVERAGE PRECIPITATION

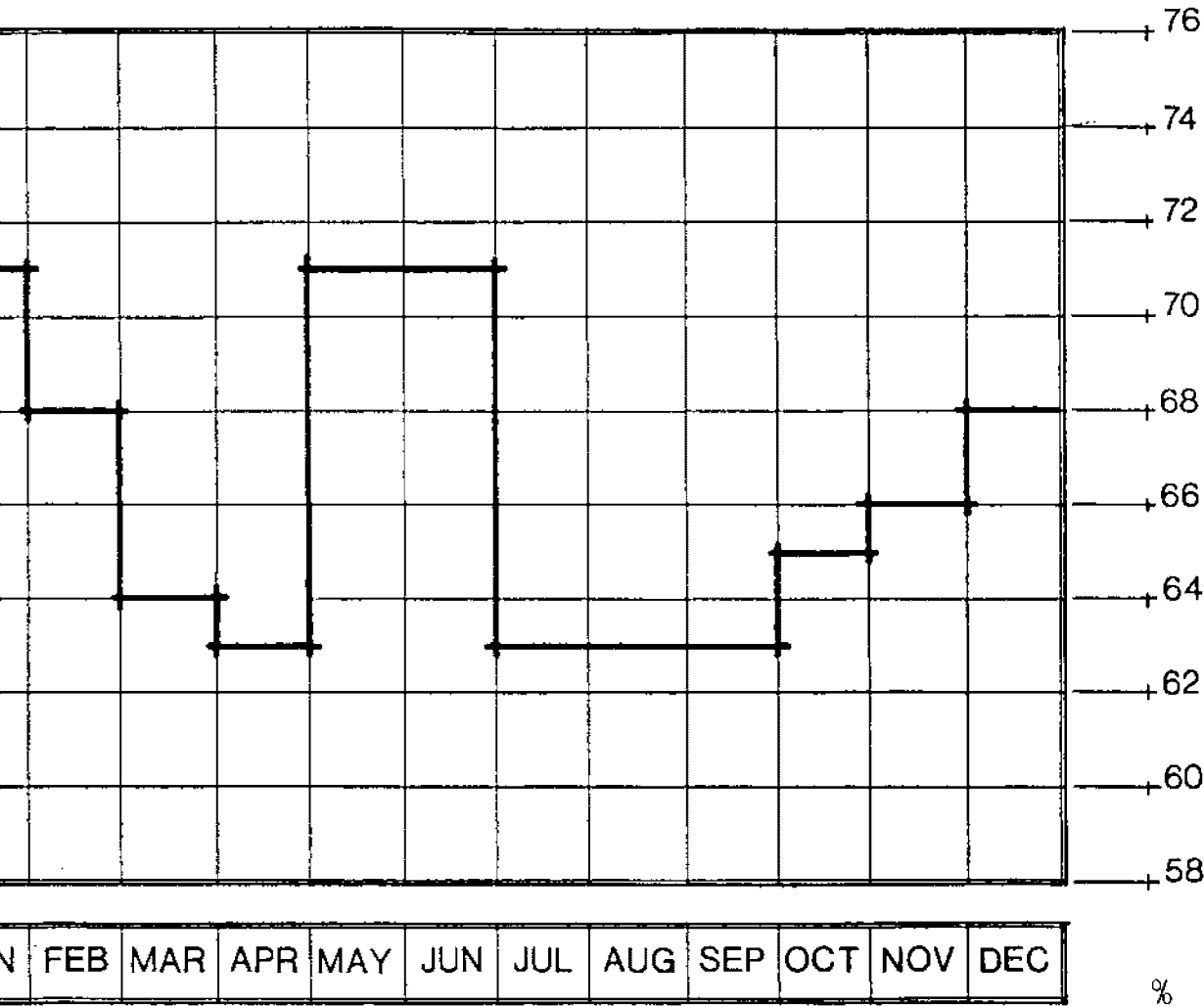


inches

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# RELATIVE HUMIDITY



%

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

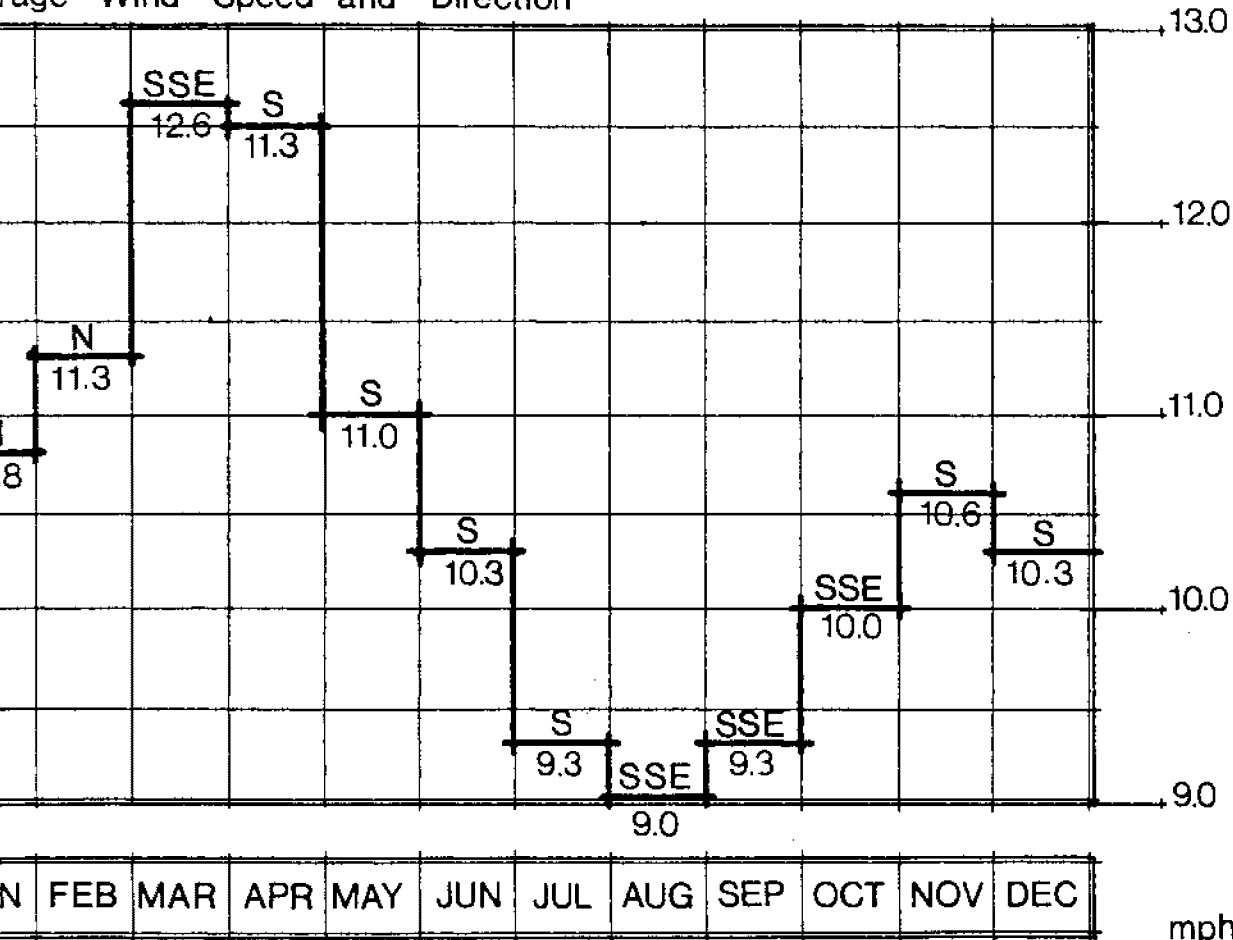


# WIND

5	50	51	70	75	65	56	56	48	45	56	56
V	N	SW	NW	SW	NW	N	N	SW	NW	SW	SW

ords

Average Wind Speed and Direction



mph

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

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BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

# ZONING

The zoning district for the 11th Street Bridge is at present RS - 3. It would be necessary to rezone the site boundaries for the 11th Street Bridge to CORRIDOR (CO)

The CORRIDOR DISTRICT is established to allow and encourage high-intensity, multi-functional development, in compliance with an approved site plan, with appropriate freeway corridors in order to:

- a) allow for the development of a diversity of intense uses which benefit from mutual proximity and from the immediate service of high capacity thoroughfares;
- b) allow for a wide range of lifestyles and housing types close to employment, recreational shopping, and cultural facilities;
- c) maximize the interrelationship between land use and transportation and in particular encourage development patterns compatible with the evolution of transit systems;

The principal uses permitted in the CORRIDOR DISTRICT are designated by use units. The use units required for the Bridge for the Arts are as follows:

BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

- a) Use Unit 5 -- community services, cultural and recreational facilities.
- b) Use Unit 8 -- multifamily dwelling and similar uses.
- c) Use Unit 11 -- office and studios.

---

BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

# PARKING

Set Backs - 35' from centerline of abutting street, if street exceeds 50' width add 1/2 of excess to total width.

Design Standards -

- 1.) Parking - 9' x 20' with vertical clearance of 6' - 6"
- 2.) Loading - 10' x 30' with vertical clearance of 14' - 0"

Use Unit	Parking	Loading
Use Unit 5 - Community Services, Cultural, and Recreational Facilities	1 space per 800 sq. ft. of floor area	1 berth per 10,000 - 200,000 sq. ft.
Use Unit 8 - Multifamily Dwelling, and similar uses	1.5 space per efficiency or 1 bedroom unit	none
Use Unit 11 - Office and Studio	1 space per 400 sq. ft. of floor area	1 berth per 10,000 - 100,000 sq.ft.

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# CODES

Applicable codes include the 1967 National Building Code and the NFPA 101 (Life Safety Code).

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

NEEDS

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

AREA

REQUIREMENTS

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



# AREA INDEX

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Photography	124
Sculpture	130
Ceramics	134
Jewelry	140
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## HOUSING

Living Units	148
Faculty Lounge	150

## PARKING

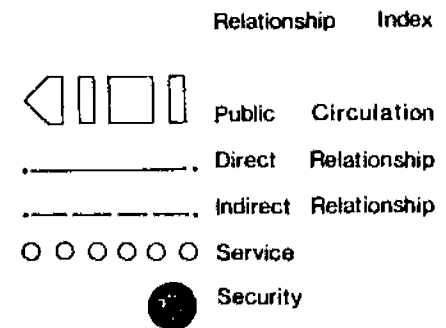
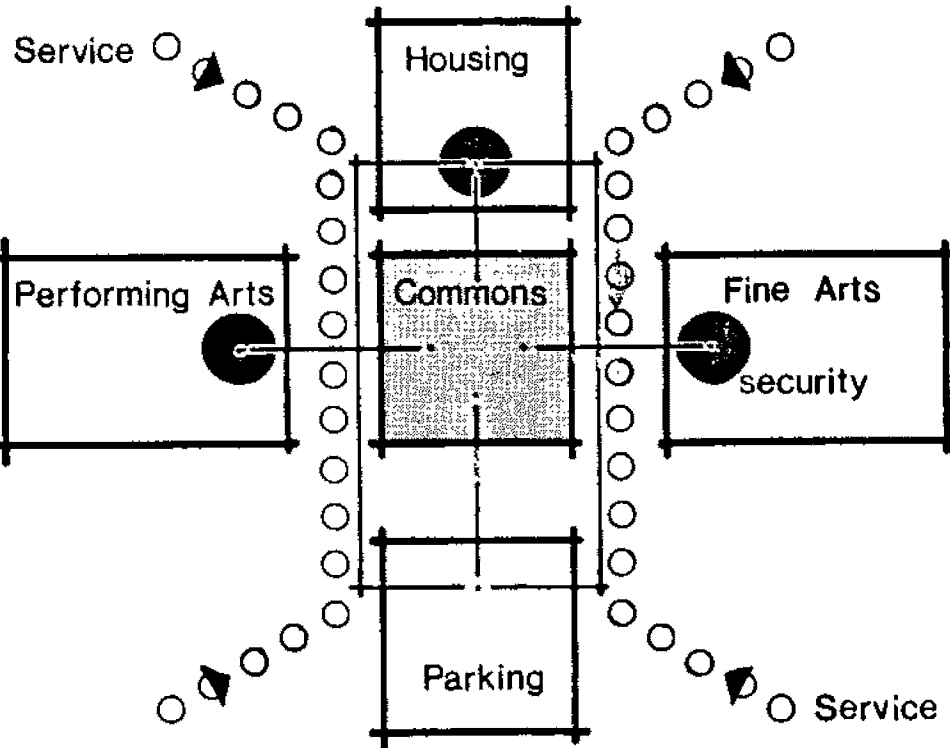
Parking	152
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## BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

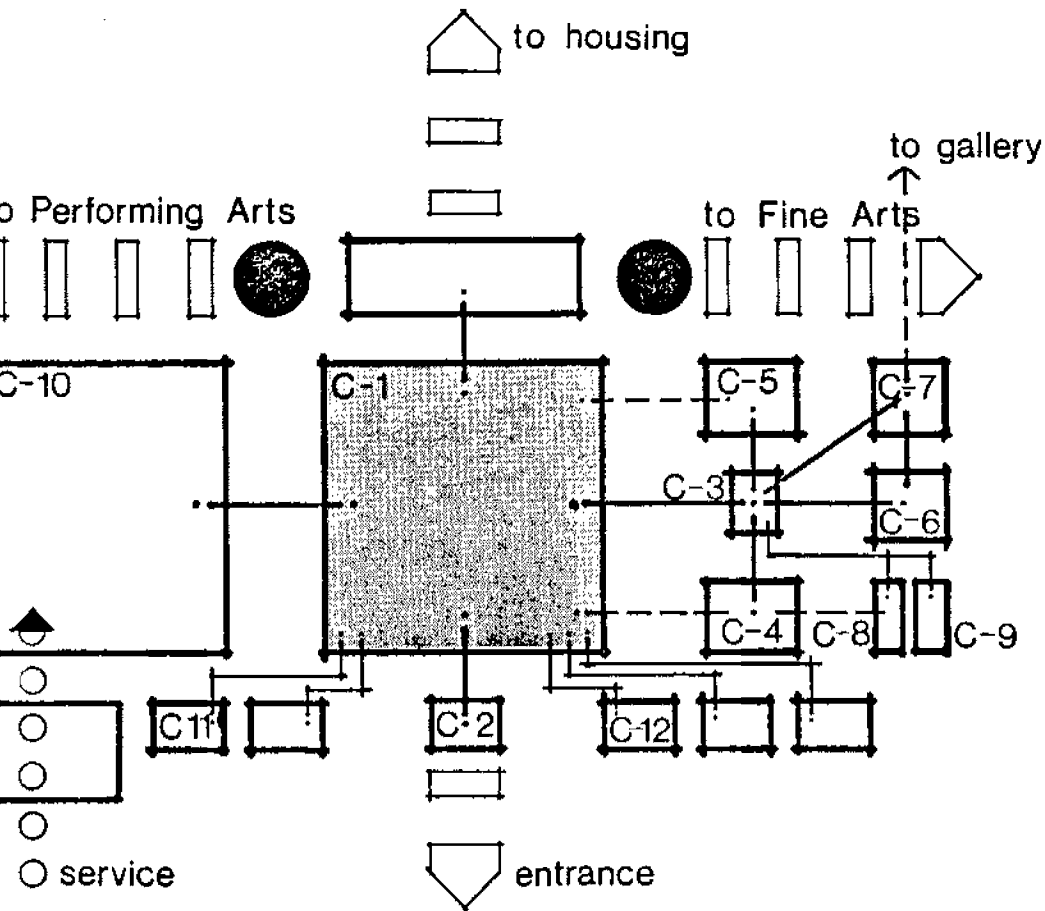
# COMMONS

COMMONS AREA include the main lobby and foodmart serving as the central circulation hub for the entire facility. Also included within the Commons Area are the administration offices both for the Arts and Humanities Council and different key arts programs within the city.



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Lobby

Square Feet 2400

Ceiling Height 20'+

Users: all users groups

Function: to be used as a public gathering and dispersion space for the entire facility

Relationship: direct relationship to all studios, auditoriums and galleries through central circulation areas.

### Systems:

Lighting: daylight / indirect

Plumbing: water fountains

Mechanical: required

Considerations: image should open inviting to the public.

### Finishes:

Floor: (soft - hard) varies

Walls: (soft - hard) varies

Ceiling: acoustical tile, plaster

Equipment: soft furniture, glass exhibit cases, arts information boards, and public telephones.

## BRIDGE FOR THE ARTS

Space: Reception

Square Feet - 120

Ceiling Height - arbitrary

Users: all user groups

Function: serves as public information and security checkpoint for entire facility

Relationship: located at main public entrance in commons lobby. with visual relationship to administrative secretary.

Systems:

Lighting: indirect, lighted signage

Plumbing: not required

Mechanical: required

Considerations: space to act as a an information kiosk for orientation

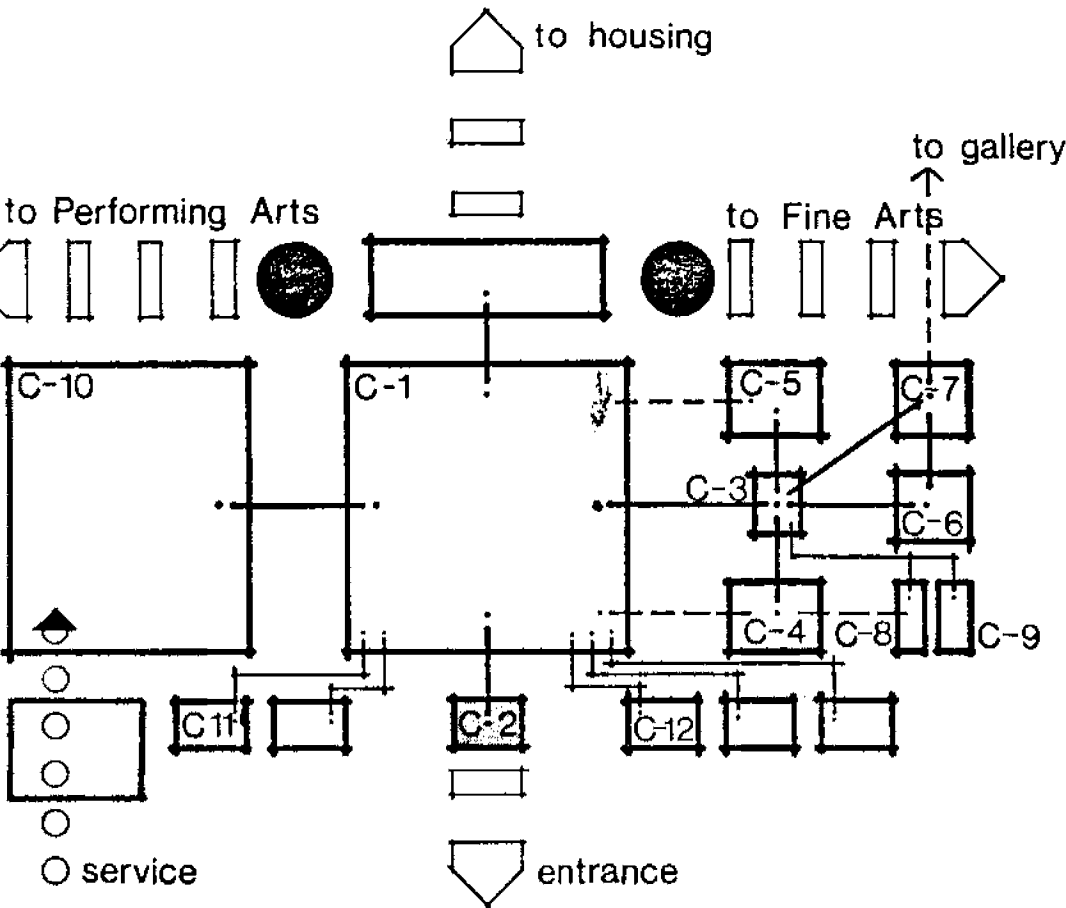
Finishes:

Floor: hard surface - possibly tile

Walls: GWB partitions

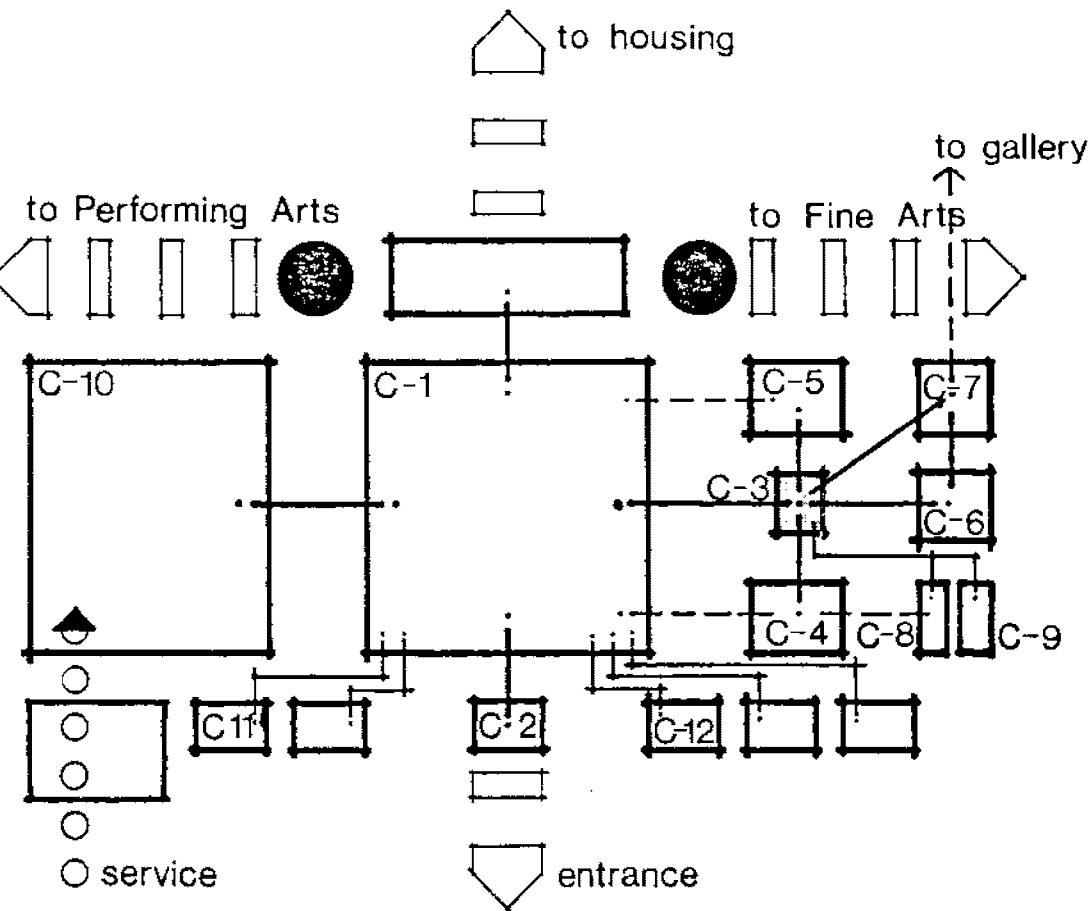
Ceiling: arbitrary

Equipment: desk, storage cabinets, central communications, security monitoring equipment



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: **Secretary**

Square Feet - 120

Ceiling Height - arbitrary

Users: all user groups

Function: serves as a check point for the public to all administrative offices

Relationship: directly related to commons lobby and administrative department. Visual relationship to lobby reception

Systems:

Lighting: indirect - task ambient

Plumbing: not required

Mechanical: required

Considerations: administrative image to prospective students and faculty.

Finishes:

Floor: soft - carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: built in desk and filing equipment, communications system, computer terminal

**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

Space: Registrar

Square Feet - 240

Ceiling Height - 8'

Users: administration, students, and community

Function: registration and scheduling of classes, collection of any school fees, and public relation

Relationship: direct relationship to administration secretary indirect to lobby and bookkeeping

Systems:

Lighting: indirect - daylighting

Plumbing: not required

Mechanical: required

Considerations: none

Finishes:

Floor: carpet

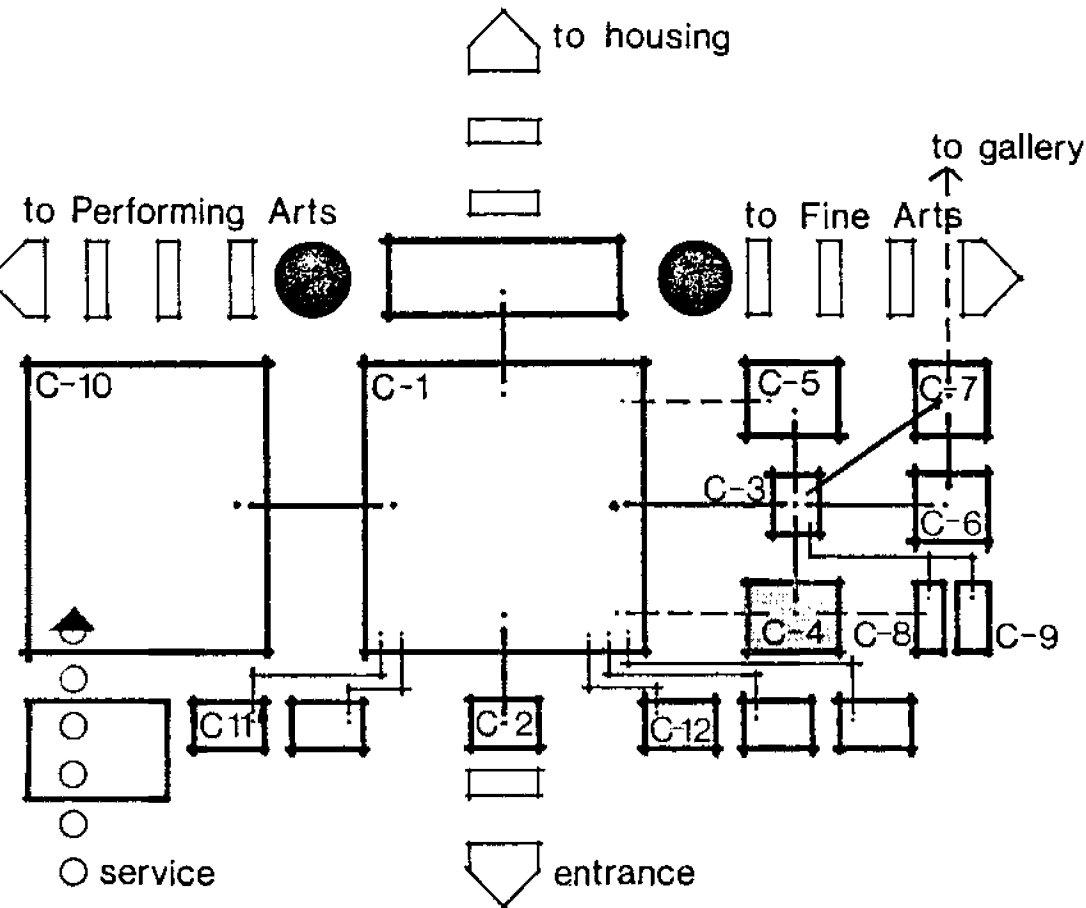
Walls: GWB

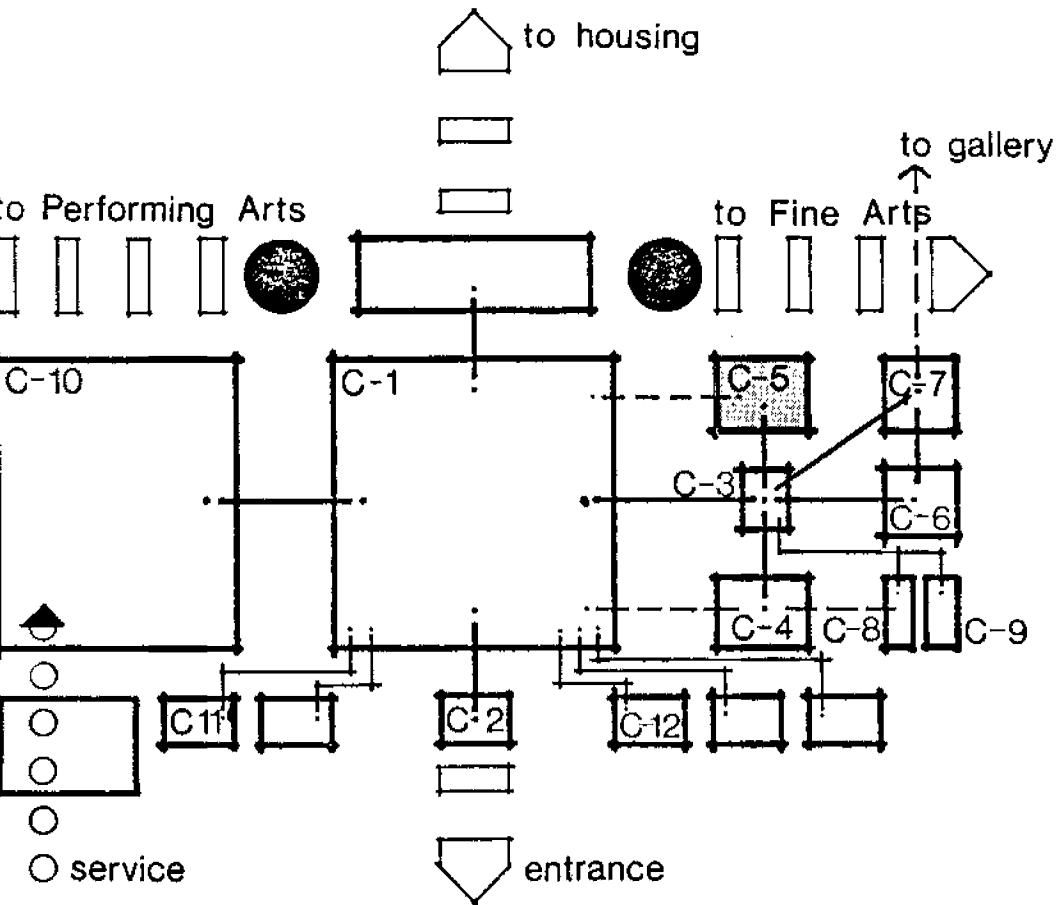
Ceiling: acoustical tile

Equipment: desk, built in shelves, small table, 4 chairs, and 2 lounge chairs

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a





Space: **Conference**

Square Feet - 360

Ceiling Height - 10'+

Users: all user groups

Function: small meeting room for administrative personnel, artists, community groups, and family.

Relationship: directly related to lobby and other administrative functions through secretary.

Systems:

Lighting: indirect - dimming

Plumbing: not required

Mechanical: required

Considerations: given to provisions for audio visual presentations

Finishes:

Floor: carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: small conference table with 8 movable chairs, 18 fixed seats, and rear rojection.

**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

Space: Director

Square Feet - 300

Ceiling Height - 10'

Users: administration, students, and faculty

Function: all administrative work associated with scheduling of faculty and curricula of the Bridge for the Arts.

Relationship: directly related to administrative secretary and assistant director.

Systems:

Lighting: daylighting - indirect

Plumbing: required for wet bar and toilet.

Mechanical: required

Considerations: views to river

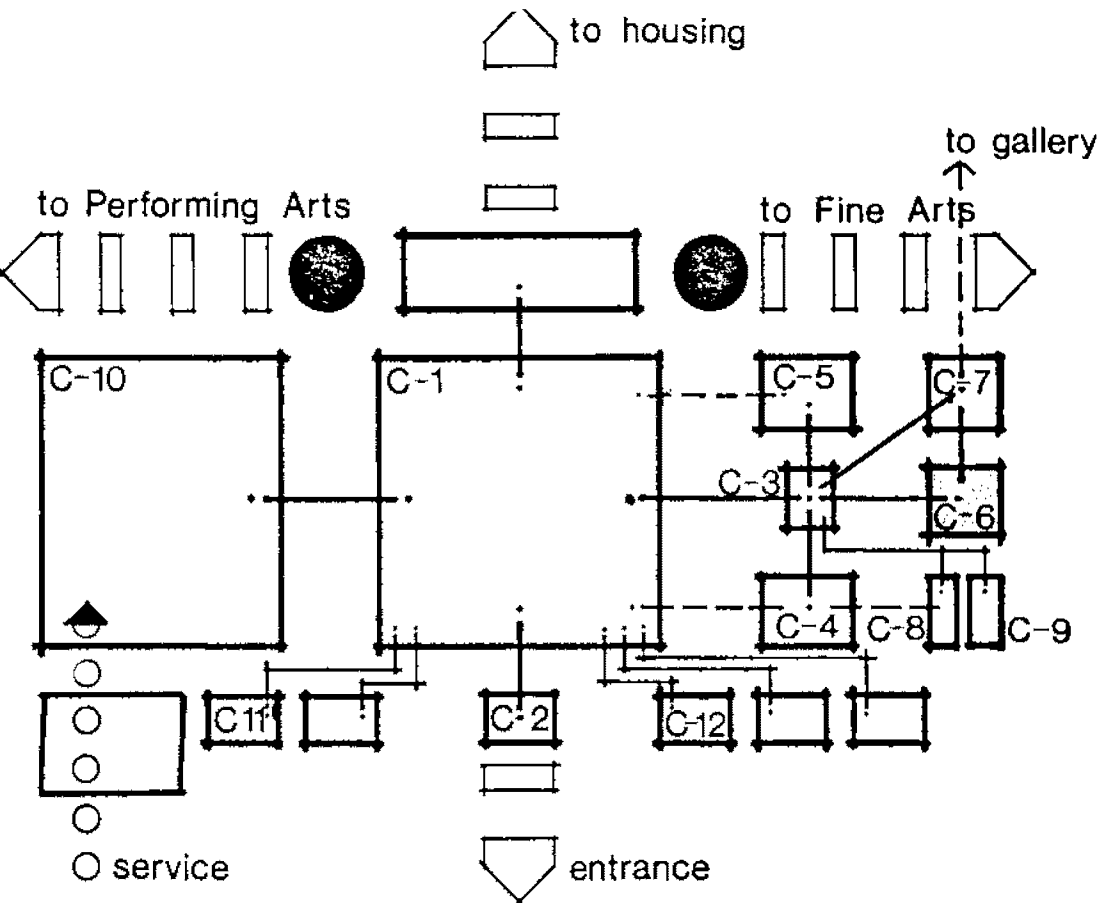
Finishes:

Floor: carpet

Walls: GWB arbitrary

Ceiling: acoustical tile

Equipment: built in storage, wet bar, toilet, computer terminal



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: Asst. Director

Square Feet - 200

Ceiling Height - 8'

Users: administration

Function: office for assistant director who is in charge of scheduling of galleries and performance areas

Relationship: directly related to director, administrative secretary and gallery areas

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: views to river

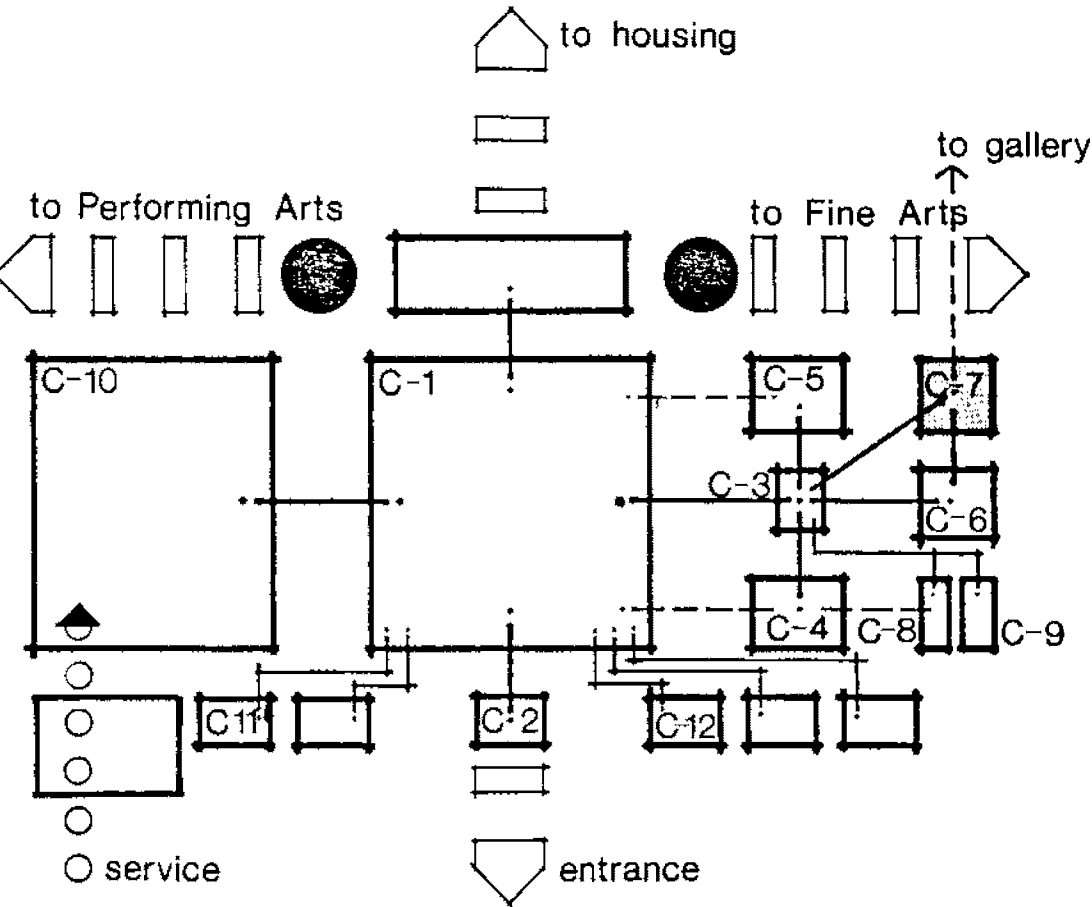
Finishes:

Floor: carpet

Walls: GWB

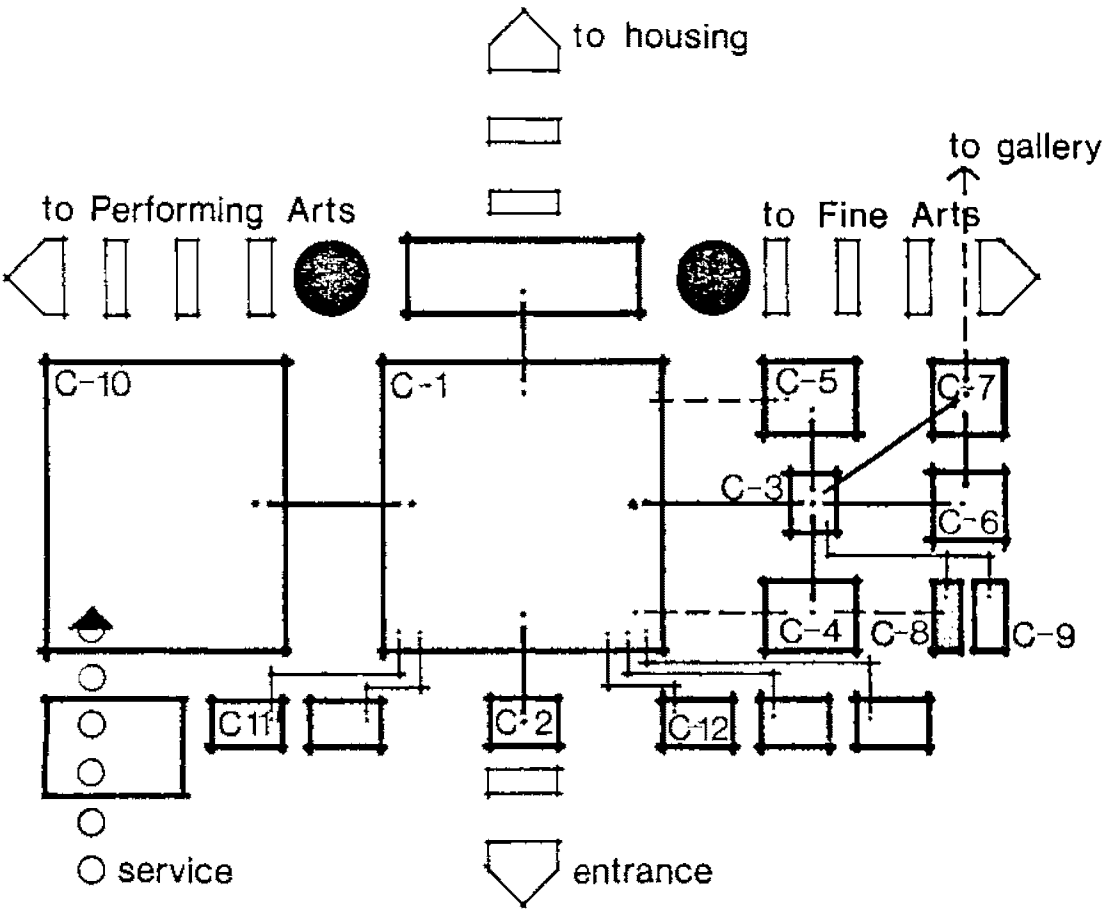
Ceiling: acoustical tile

Equipment: built in cabinets, computer terminal



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: **Bookeeper**

Square Feet - 120

Ceiling Height - 8'

Users: administration

Function: office for bookeeper, who is in charge of all financial records and transactions of the school

Relationship: related to administrative areas

Systems:

Lighting: indirect - daylighting

Plumbing: not required

Mechanical: required

Considerations: room completely fire-proofed

Finishes:

Floor: carpet

Walls: fireproofed

Ceiling: fireproofed

Equipment: built in filing system, small safe,

**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

Space: Duplication

Square Feet - 100

Ceiling Height - 8'

Users: administration

Function: all mailing, preparation, and storage for paper, documents, and secretarial supplies

Relationship: related to administrative areas

Systems:

Lighting: fluorescent ( direct )

Plumbing: not required

Mechanical: required

Considerations: none

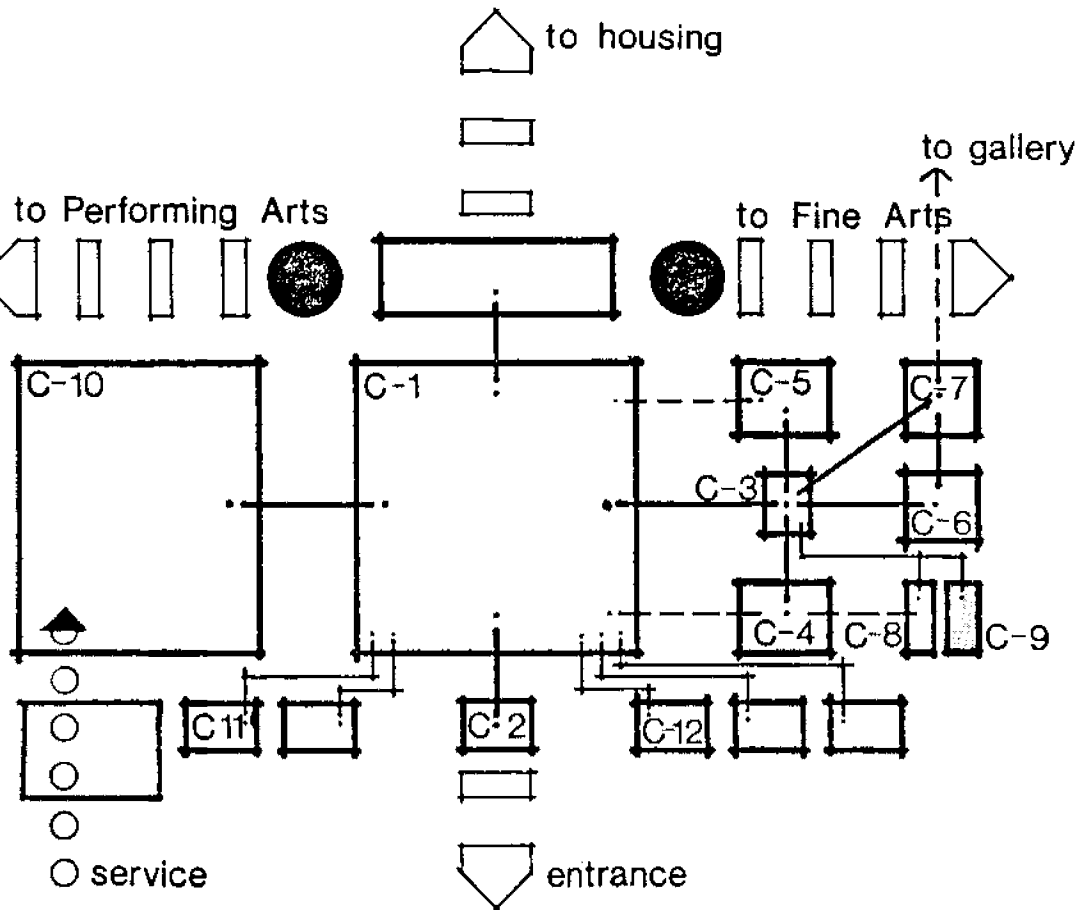
Finishes:

Floor: carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: xerox, mimeograph, storage cabinets, and laytables



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Space: Foodmart - Support

Square Feet - 3600

Ceiling Height - arbitrary

Users: all user groups

Function: serves as a gathering space during breaks, intermissions, etc. Also includes support area for clean-up and prep.

Relationship: directly related to auditorium, main lobby, and gallery. Support area zoned for service

Systems:

Lighting: daylight - indirect

Plumbing: required for kiosks and support areas

Mechanical: required, also ventilation required.

Considerations: kiosks designed as quick food serving counters

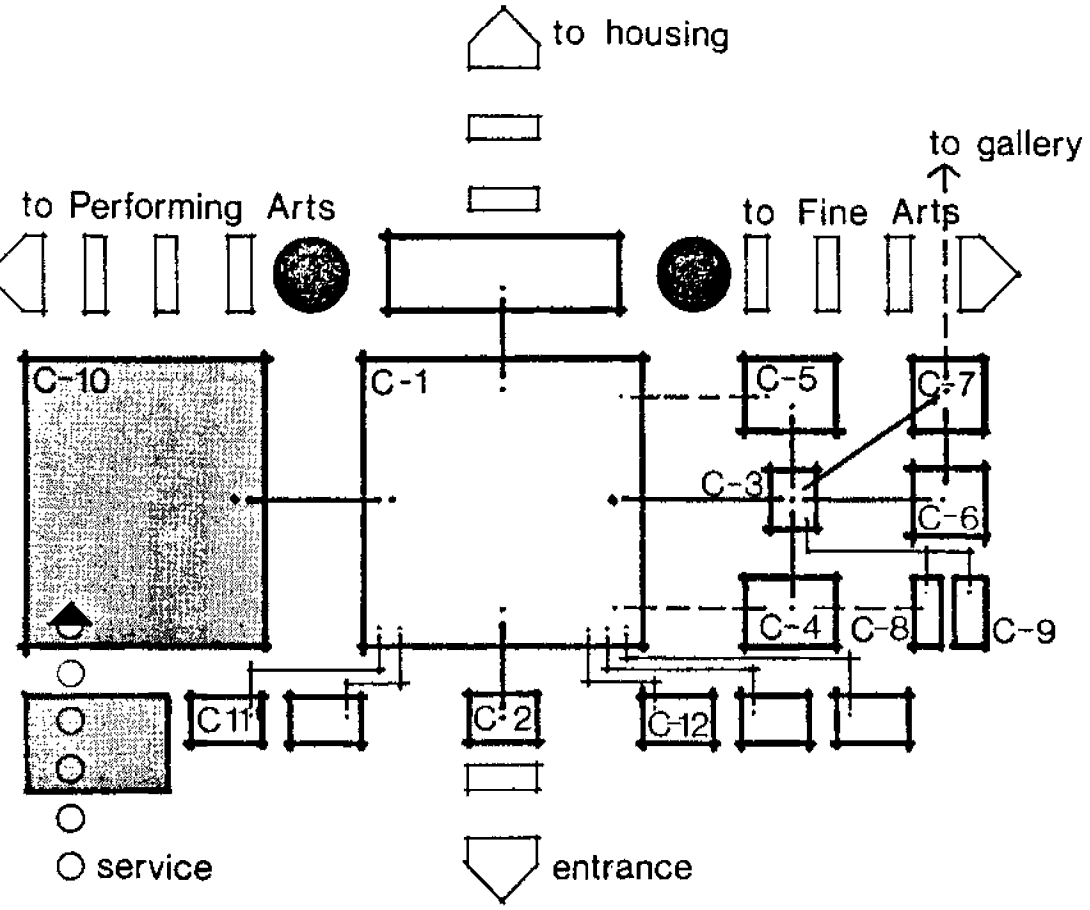
Finishes:

Floor: soft - hard ( carpet - tile)

Walls: GWB

Ceiling: acoustical system, designer

Equipment: food and beverage set - ups for kiosks, commercial kitchen support



BRIDGE FOR THE ARTS

Space: Restrooms

Square Feet - 2 @ 300

Ceiling Height - arbitrary

Users: all user groups

Function: restrooms for all user groups

Relationship: directly related to lobby

Systems:

Lighting: indirect mirror lighting

Plumbing: required - 10 toilets and 10 lavatories

Mechanical: required, and exhaust

Considerations: none

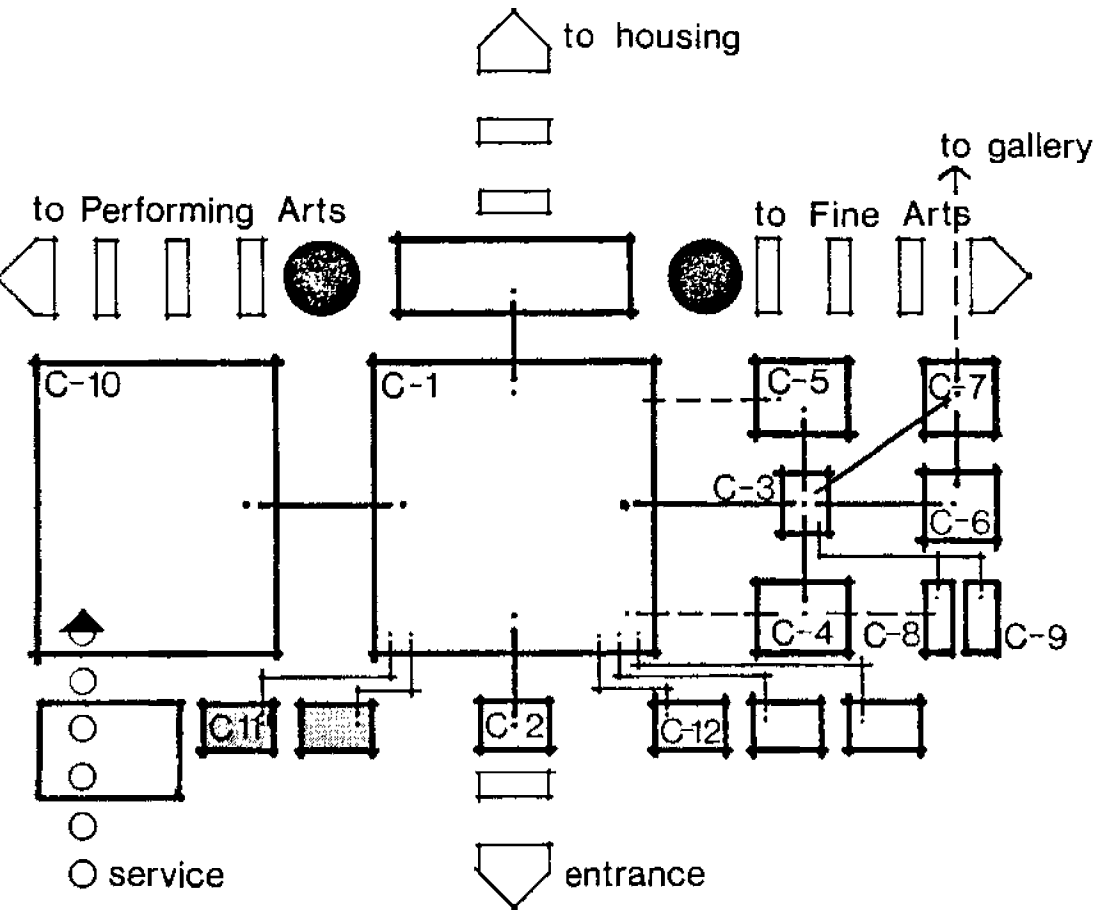
Finishes:

Floor: tile

Walls: tile

Ceiling: GWB

Equipment: 10 toilets, 10 lavatories, 3 urinals, mirrors, towel dispensers



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Space: Arts Offices

Square Feet - 3 @ 240

Ceiling Height - 8'

Users: administration, students, community

Function: public information for the major arts groups in Tulsa. (Philharmonic, Ballet, and Opera)

Relationship: directly related to the common's lobby

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: offices visible to the public. Closely related to Performing Arts.

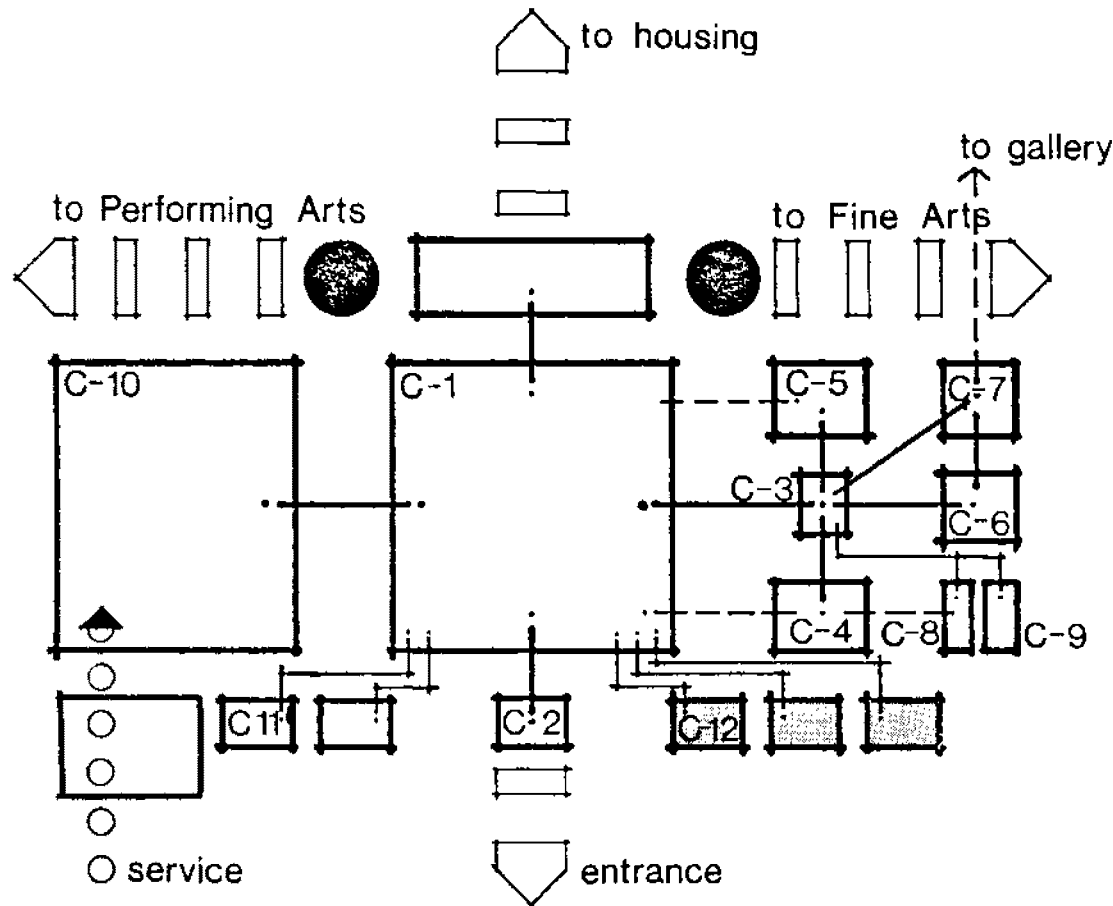
Finishes:

Floor: carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: built in storage cabinets

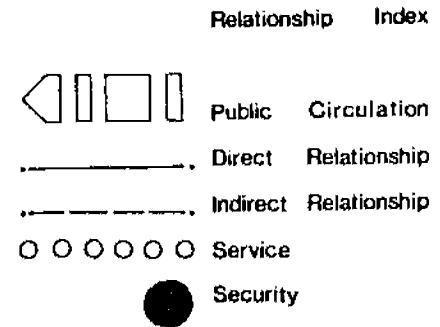
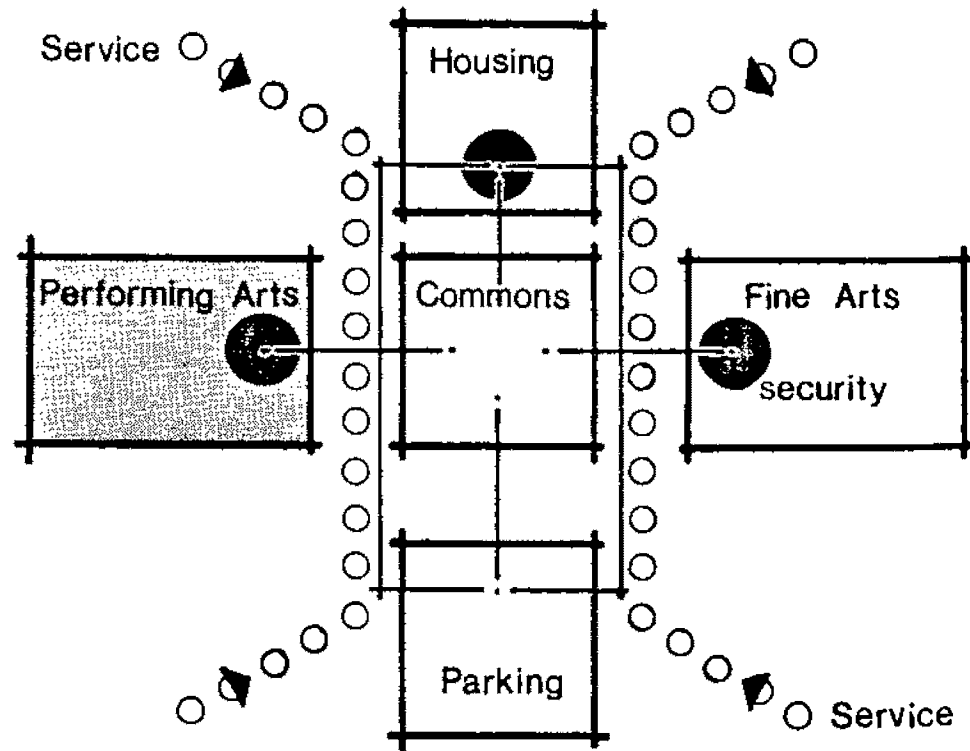


BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

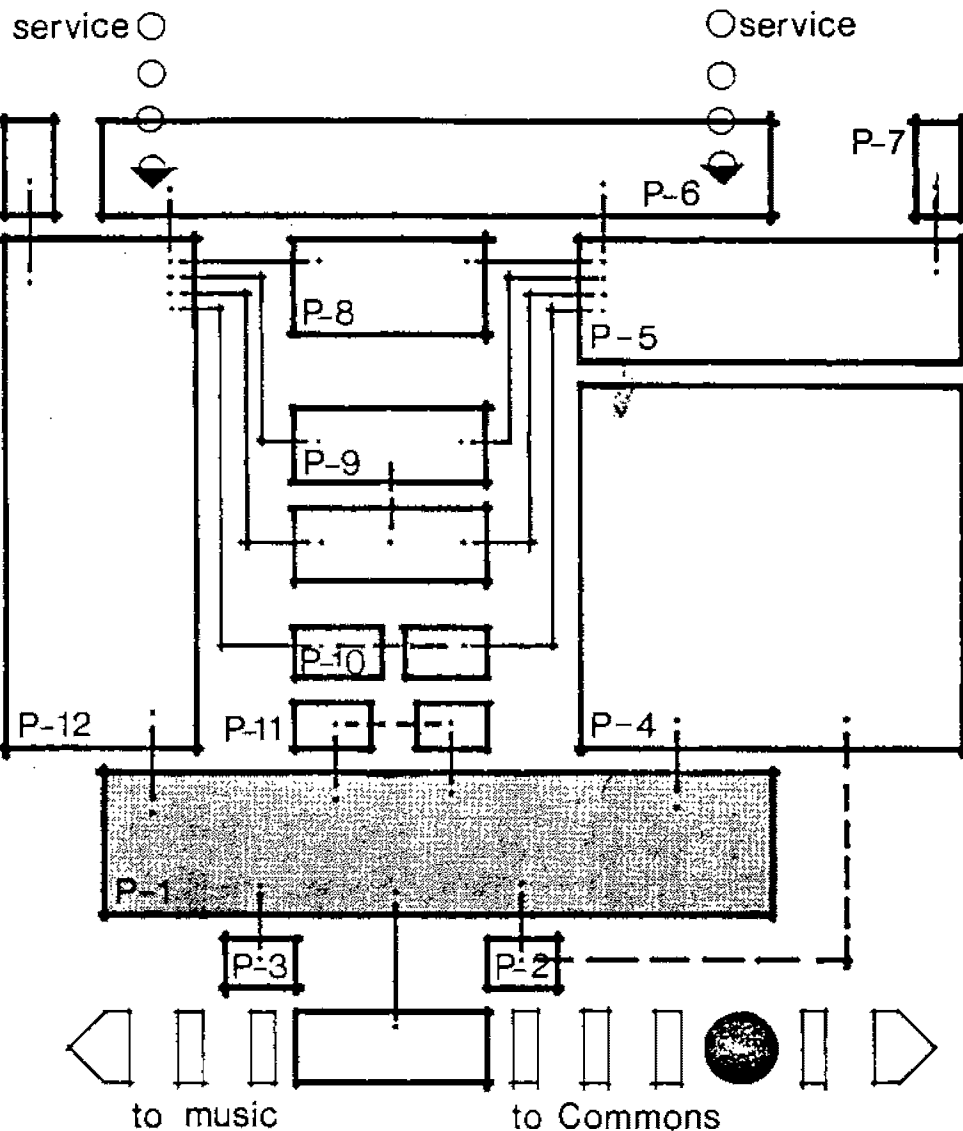
# PERFORMING ARTS

THE PERFORMING ARTS include support facilities for theatre music (instrumental and vocal) and dance. Facilities should relate in such a manner as to provide shared spaces and amenities for all the Performing Arts, encouraging spontaneous and impromptu performance.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: Lobby

Square Feet - 2000

Ceiling Height - arbitrary (high)

Users: all user groups

Function: to meet spectators needs by providing an area for relaxation, conversation, and mingling of the audience

Relationship: area to be located at the exit/entrance points of both the auditorium, and teaching station

Systems:

Lighting: daylight - indirect, special lighting systems

Plumbing: water fountains, required for stand pipes and hosebibs

Mechanical: required

Considerations: lobby should also function with commons lobby and foodmart

Finishes:

Floor: (soft - hard) varies

Walls: (soft - hard) varies

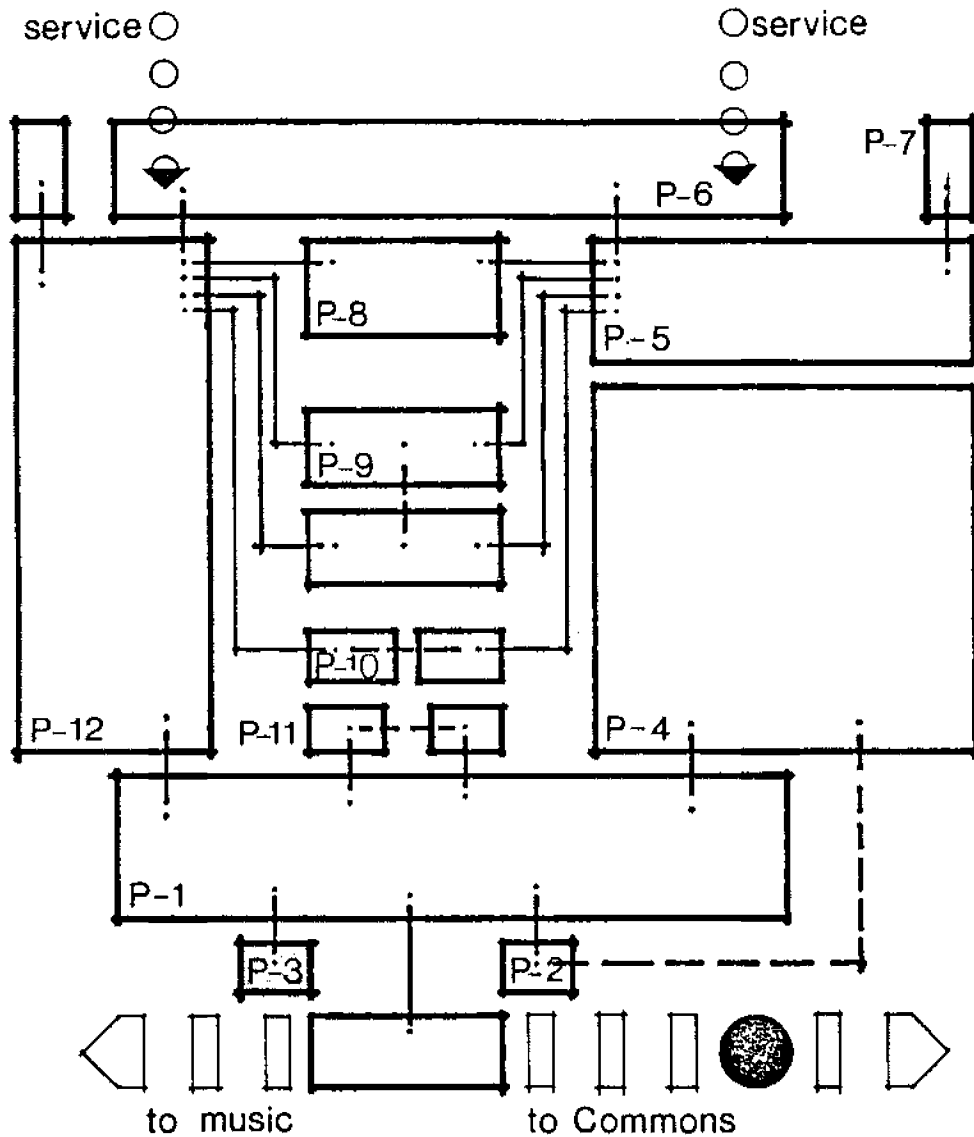
Ceiling: acoustical system, GWB varies

Equipment: standing and sitting areas, magazine racks, soft furniture, plants

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a





## Space: Tickets

Square Feet - 100

Ceiling Height - arbitrary

Users: administration, community

Function: ticketing sales area for performing art productions

Relationship: directly related to main theatre lobby

### Systems:

Lighting: direct

Plumbing: not required

Mechanical: required

Considerations: ticketing area should have 3 windows

### Finishes:

Floor: soft ( carpet )

Walls: GWB

Ceiling: acoustical tile

Equipment: built in counters with electronic ticket dispensers, small floor safe

BRIDGE FOR THE ARTS

# Space: Auditorium

Square Feet - 7200

Ceiling Height - 40' to 52'

Users: all user groups, 1000 seats min.

Function: space for large performance and presentations of the school. Key space for public contact with Performing Arts.

Relationship: directly related to theatre lobby and main commons lobby. Shared support areas with teaching station.

## Systems:

Lighting: direct, special theatrical systems for dimming spot etc.

Plumbing: required for fire safety

Mechanical: required

Considerations: acoustical treatment using proper reflective and absorptive surfaces

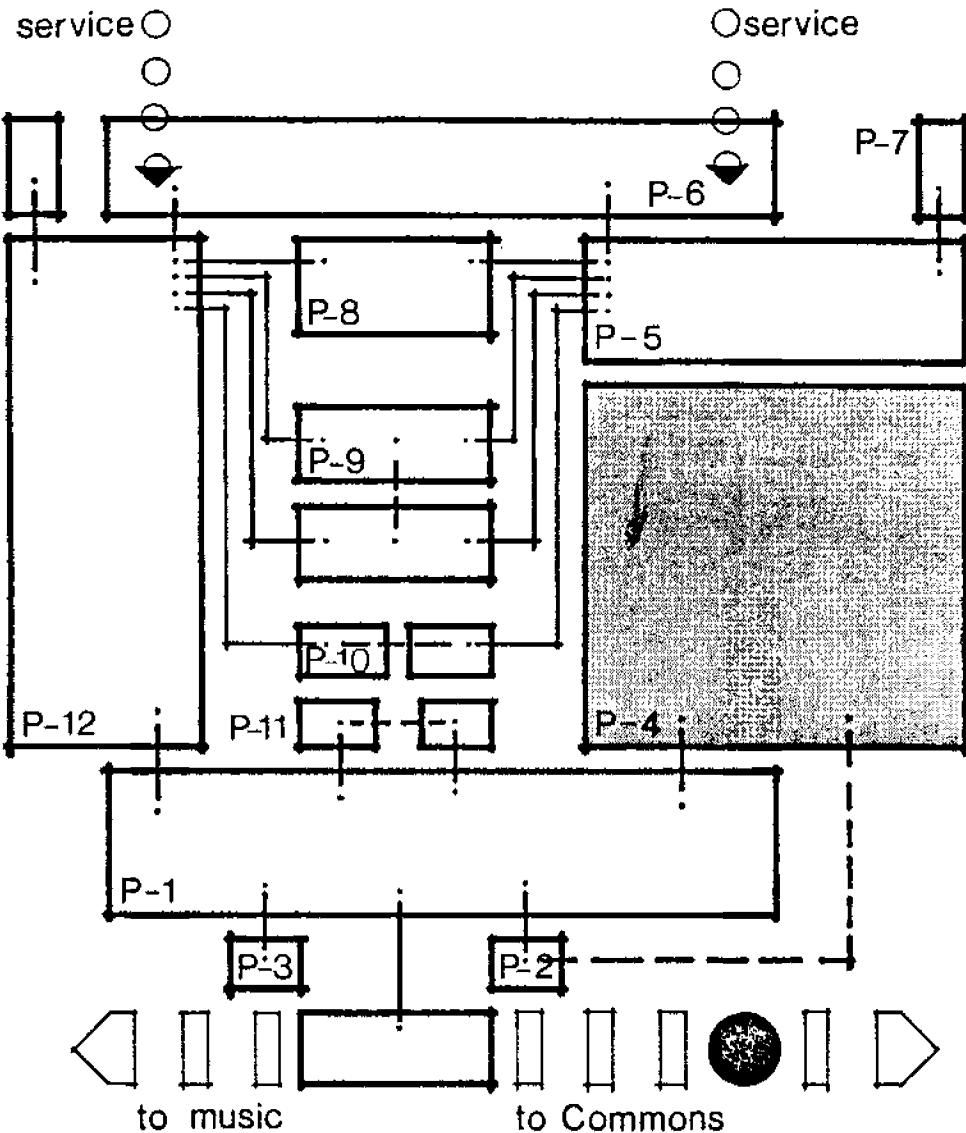
## Finishes:

Floor: (hard - soft) varies

Walls: acoustical (reflective, absorptive)

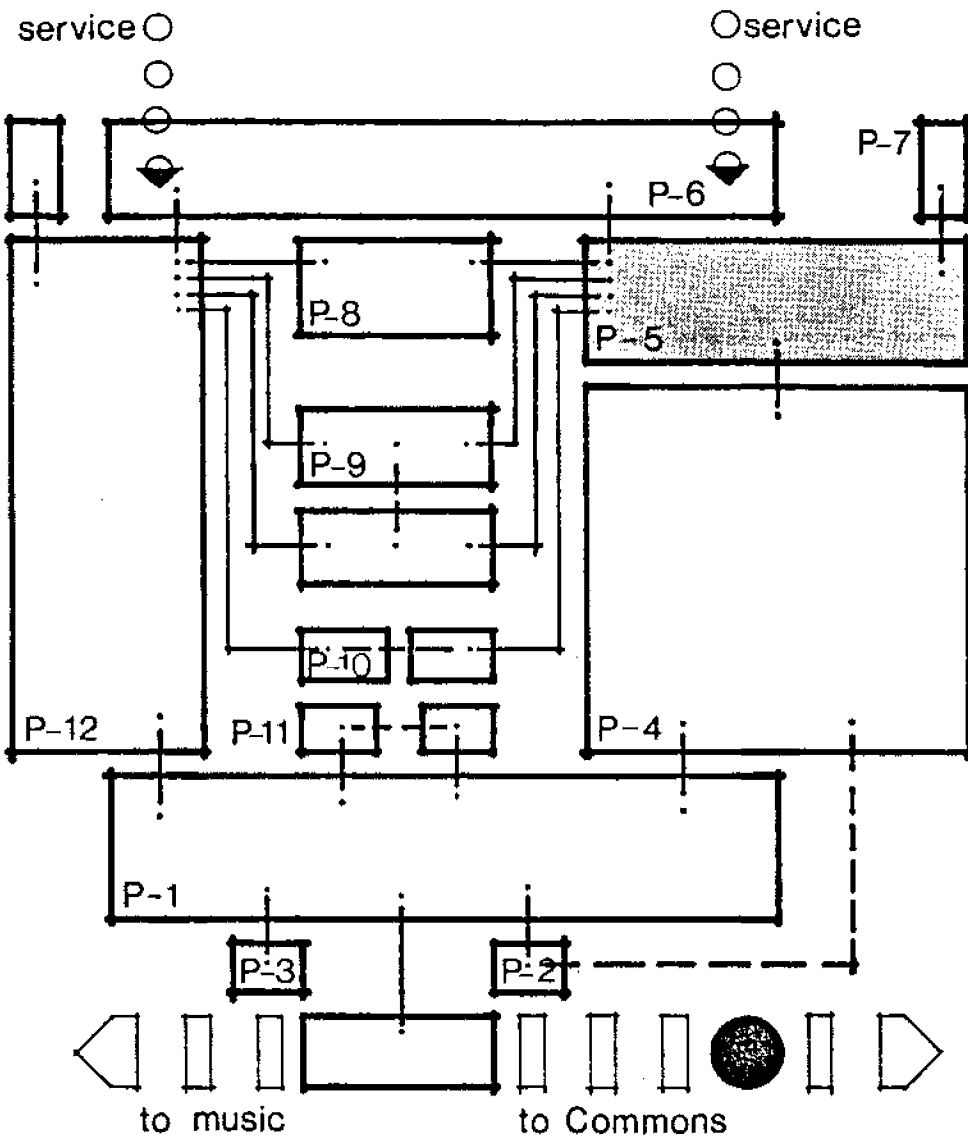
Ceiling: acoustical (reflective)

Equipment: 1000 fixed seats



# BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: **Backstage**

Square Feet - 4000

Ceiling Height - 70' minimum to ceiling grid

Users: all user groups

Function: focal point of performance

Relationship: directly related to main auditorium, green room and theatre workshop,

Systems:

Lighting: strip lights located in grid, control of auditorium

Plumbing: required for fire safety

Mechanical: required

Considerations: necessary acoustical treatment

Finishes:

Floor: wooden parquet

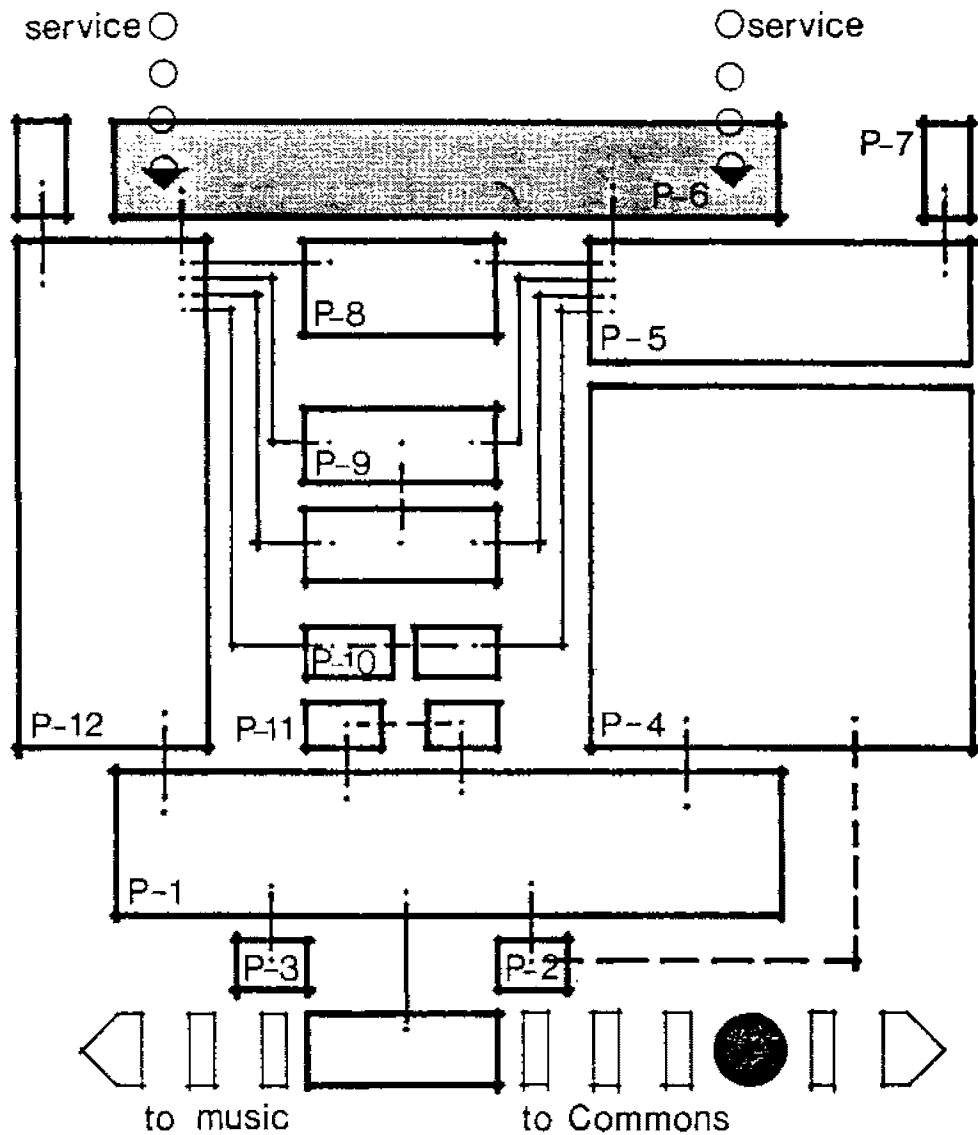
Walls: unfinished

Ceiling: technical grid

Equipment: scenery wagons, lifts, projectors, cyclorama, electronic floor control

**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a



**Space: Workshop**

Square Feet - 2000

Ceiling Height - 50'+

Users: students, faculty, community

Function: area used for loading unloading stage scenery, building, costume storage and making.

Relationship: directly related to backstage of auditoriums and teaching stations, also soned for service.

**Systems:**

Lighting: daylight - indirect

Plumbing: required for sinks, hose-bibs, and fire safety

Mechanical: required

Considerations: none

**Finishes:**

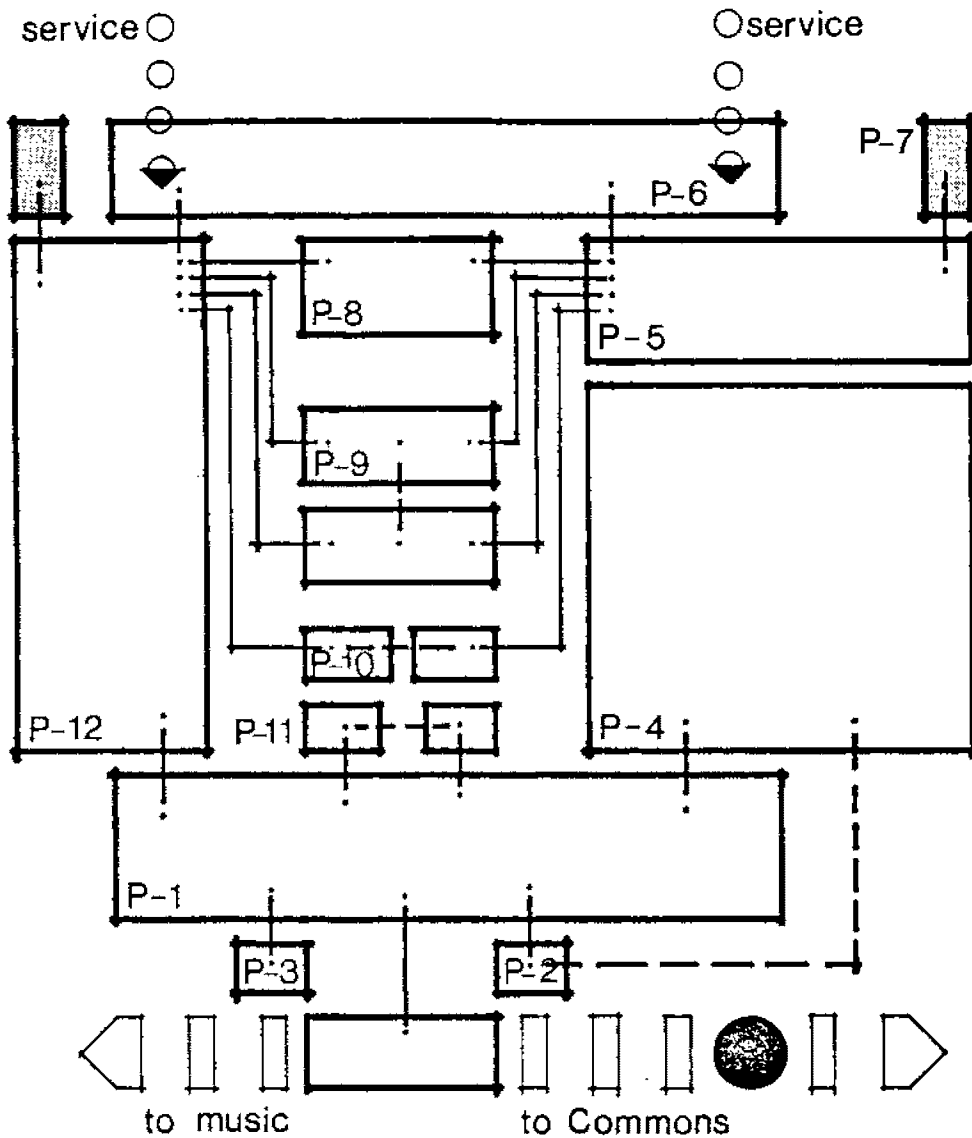
Floor: wooden parquet,

Walls: unfinished

Ceiling: unfinished

Equipment: loading dock with hydraulic lift, storage cabinets, benches, and racks

**BRIDGE FOR THE ARTS**



## Space: Lighting

Square Feet - 2 @ 100

Ceiling Height - arbitrary

Users: students, faculty, and community

Function: lighting control room for productions in both the teaching station and main auditorium.

Relationship: related to backstage in main auditorium, and proscenium in teaching station.

### Systems:

Lighting: direct

Plumbing: not required

Mechanical: required

Considerations: view to both stage and proscenium

### Finishes:

Floor: ( hard ) tile

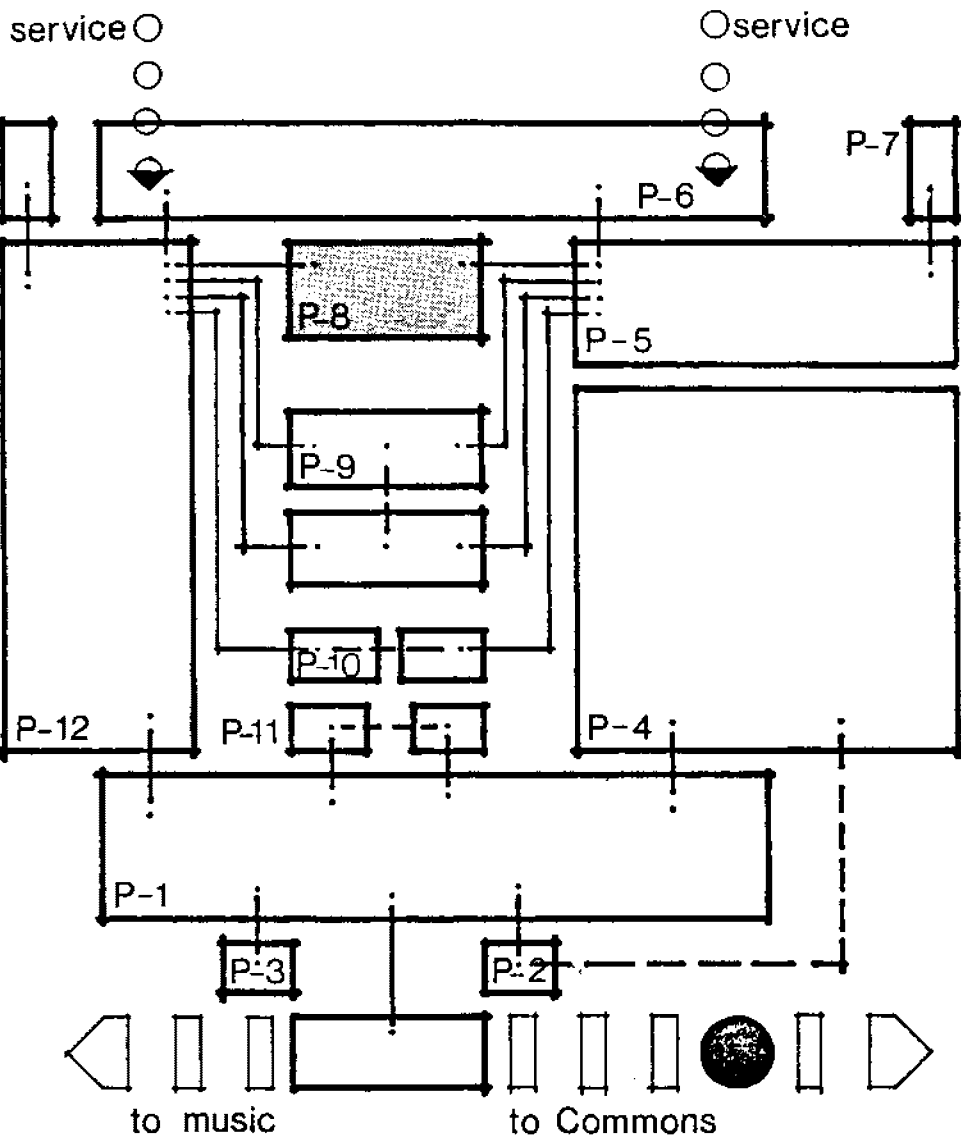
Walls: GWB

Ceiling: acoustical system

Equipment: electronic and video control panels for lighting systems.

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



**Space: Green Room**

Square Feet - 400

Ceiling Height - 12'

Users: student, faculty, and community

Function: space to provide rest and relaxation before, between, or after performances.

Relationship: directly related to both auditorium, teaching station and theatrical support areas.

**Systems:**

Lighting: daylight - indirect, direct

Plumbing: required for bar area

Mechanical: required

Considerations: acoustical treatment

**Finishes:**

Floor: soft (carpet)

Walls: GWB

Ceiling: acoustical tile

Equipment: refrigerator, wet bar, soft lounge furniture

**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

## Space: Dressing Areas

Square Feet 8 @ 200

Ceiling Height arbitrary

Users: students, faculty, and community

Function: Performers prepare and relax after their work in the auditorium and teaching station.

Relationship: directly related to both backstage and teaching station also related to other support areas of theatre.

### Systems:

Lighting: daylight - indirect, mirror lighting

Plumbing: required for toilets, lavatories

Mechanical: required

Considerations: none

### Finishes:

Floor: wooden parquet

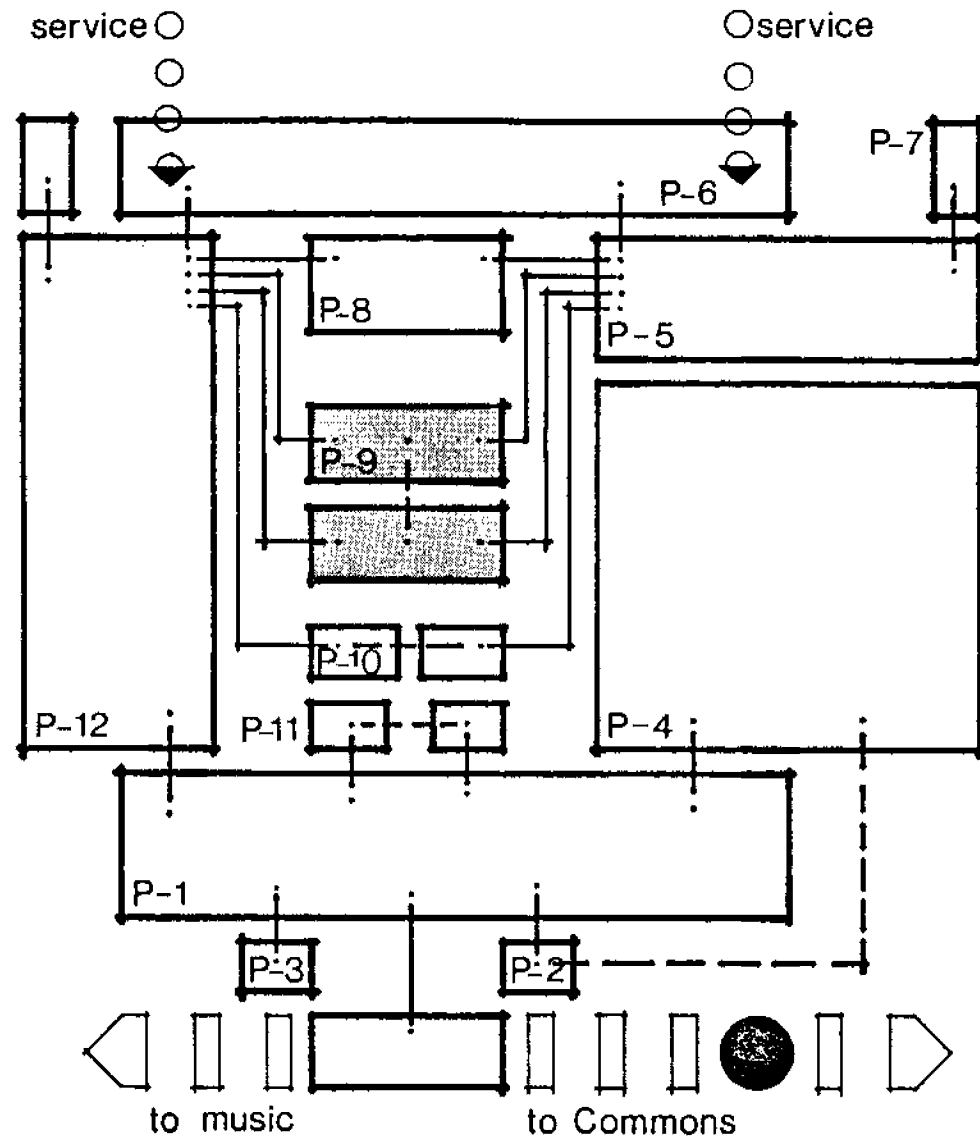
Walls: sound insulation

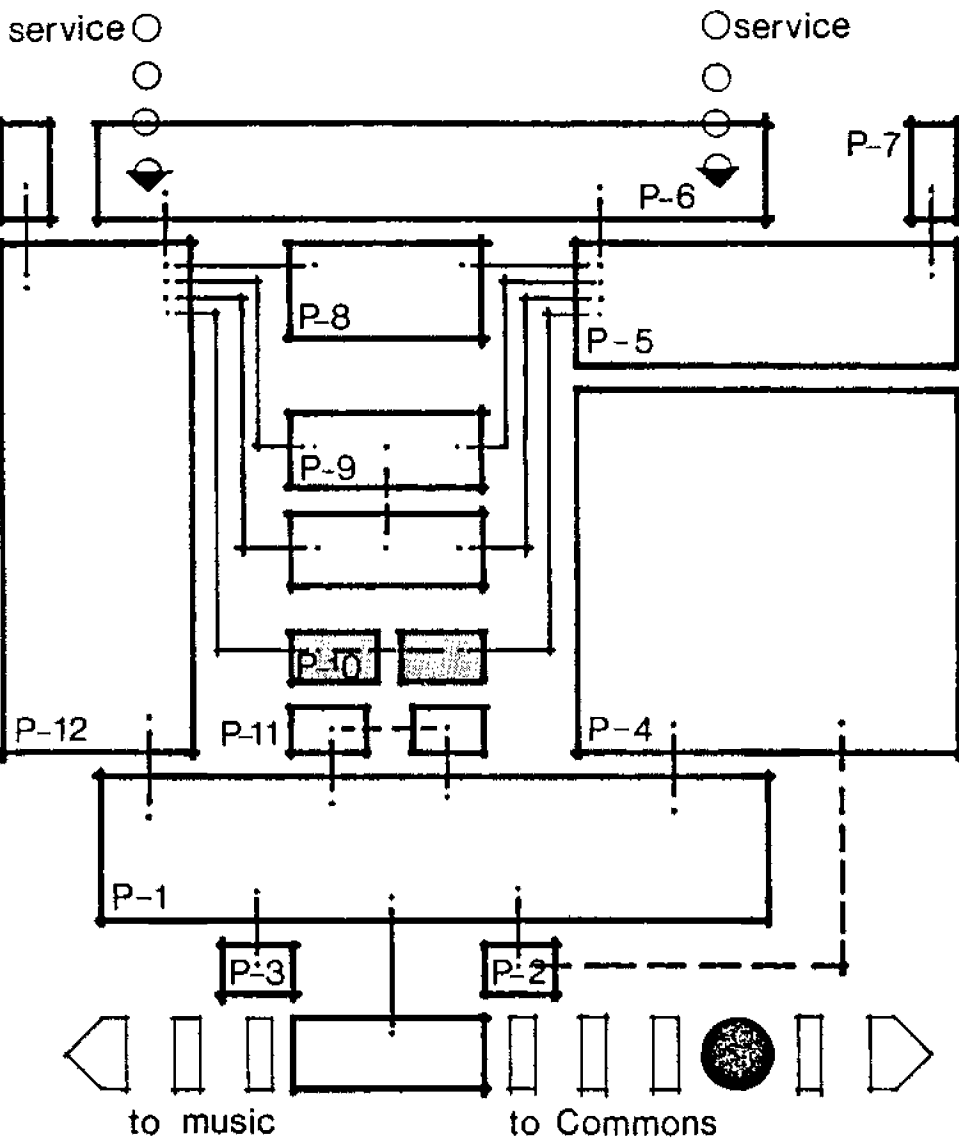
Ceiling: sound insulation

Equipment: mirror, makeup, wardrobe cabinet, couch, piano, audio, and call equipment

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a





## Space: Private Dressing

Square Feet - 10 @ 120

Ceiling Height - arbitrary

Users: students, faculty, and community

Function: student, faculty, and performers prepare and relax after their work in the main auditorium or teaching station.

Relationship: directly related to both backstage of main auditorium and teaching station. Also relations to other support.

### Systems:

Lighting: daylight - indirect, mirror lighting

Plumbing: required for toilets and lavatories

Mechanical: required

Considerations: none

### Finishes:

Floor: wooden parquet

Walls: sound insulation

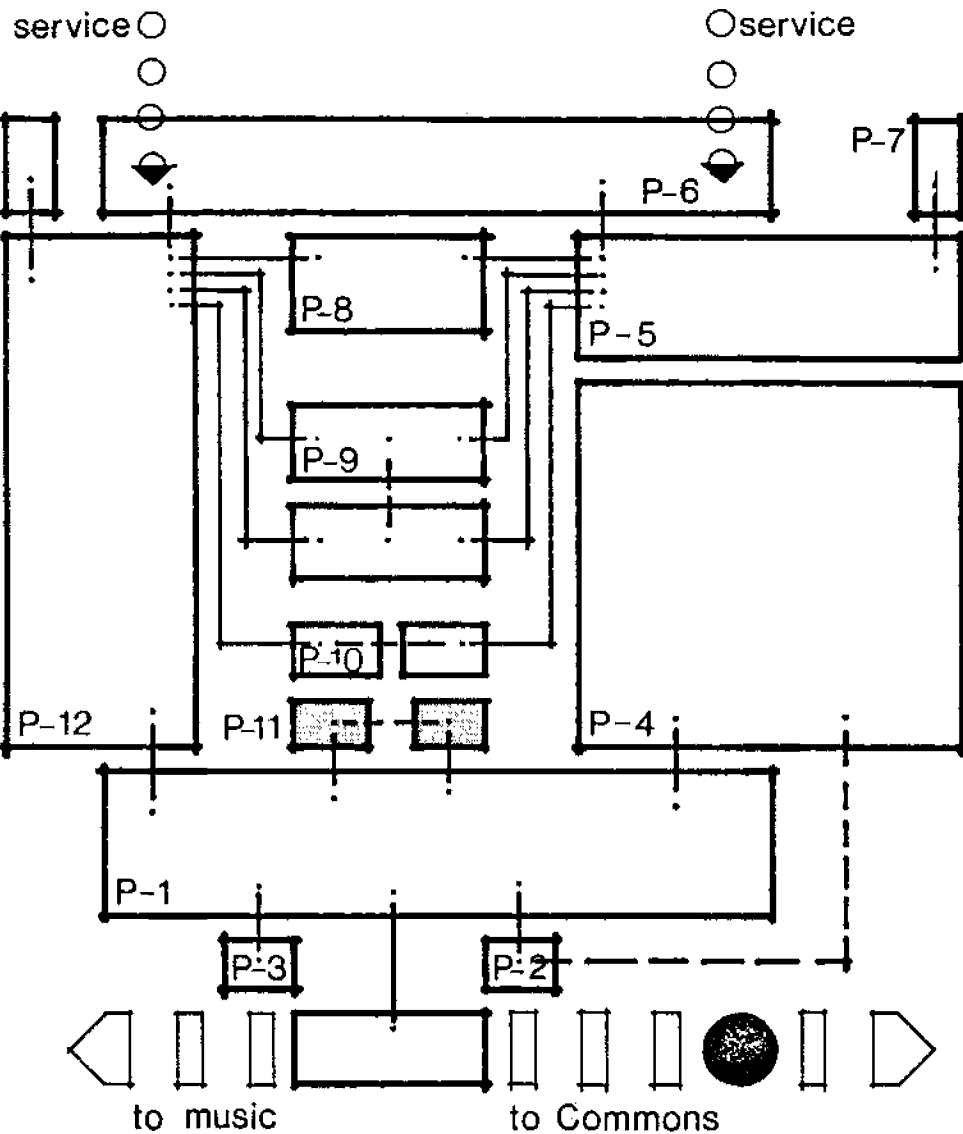
Ceiling: sound insulation

Equipment: mirror, make-up table, wardrobe, couch, piano, audio, and call equipment

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a





## Space: Restrooms

Square Feet - 2 @ 300

Ceiling Height - arbitrary

Users: all user groups

Function: restroom for all user groups

Relationship: directly related to theatre lobby

### Systems:

Lighting: daylight - indirect, mirror lighting

Plumbing: required for toilets and lavatories

Mechanical: required, also include exhaust

Considerations: none

### Finishes:

Floor: tile (hard)

Walls: tile (hard)

Ceiling: GWB

Equipment: 9 toilets, 9 lavatories, 4 urinals

BRIDGE FOR THE ARTS

## Space: Teaching Station

Square Feet - 2600

Ceiling Height - 14'

Users: all user groups

**Function:** primarily designed for the teaching of theatre arts. To be a supplement to the facility auditorium.

**Relationship:** related to facility auditorium and lobby in order to provide shared spaces

### Systems:

**Lighting:** direct fluorescent, small spot, and trac lighting

**Plumbing:** not required

**Mechanical:** required

**Considerations:** space must be as flexible as possible to accommodate different program set ups.

### Finishes:

**Floor:** wooden parquet

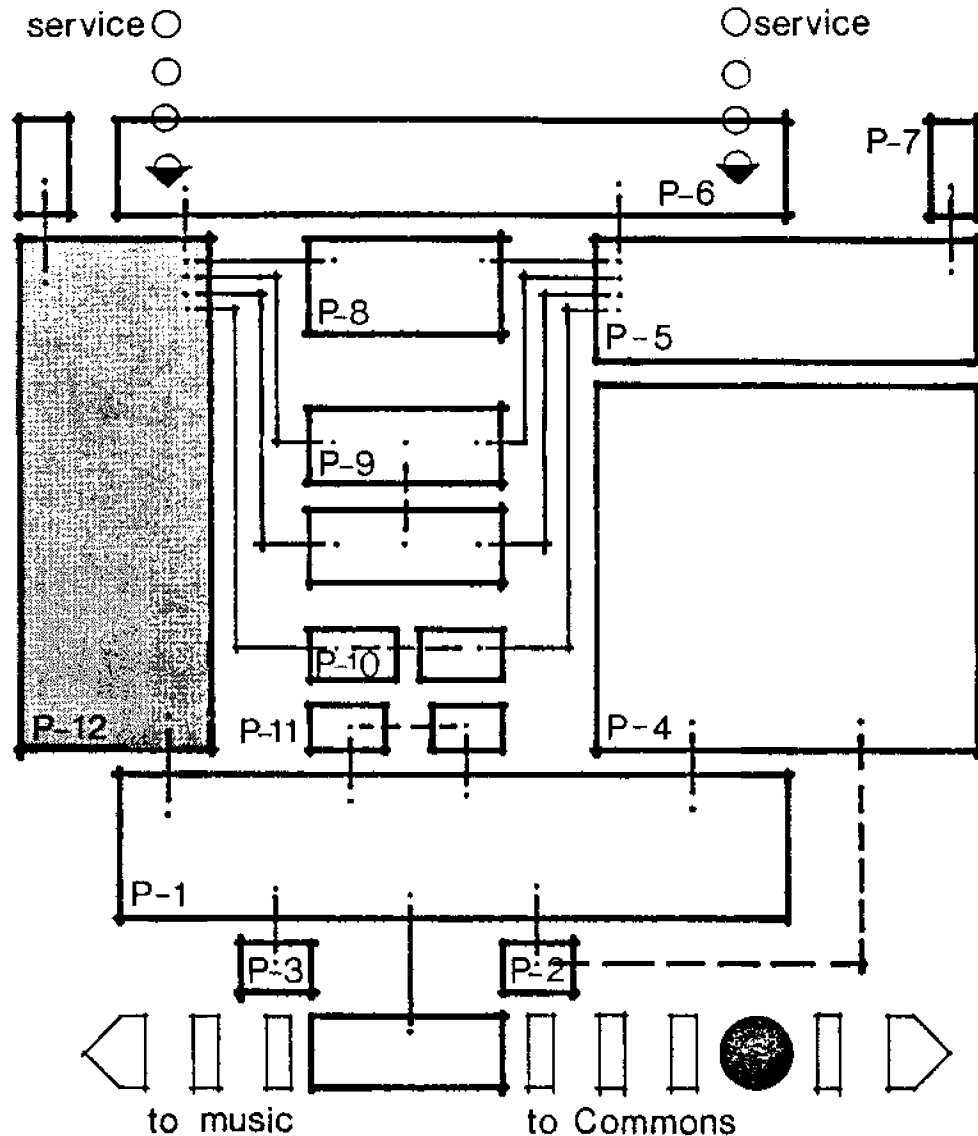
**Walls:** sound insulation

**Ceiling:** sound insulation

**Equipment:** 30 fixed seats, 3' elevated stage, front traveler, cyclo-rama, and switch board

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: **Recital**

Square Feet - 400

Ceiling Height - arbitrary

Users: students, faculty, and community

Function: to function as both a small recital area for the music department as well as classroom practice room

Relationship: directly related to public circulation also related to student practice rooms

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: flexible space, important to facilitate spontaneity

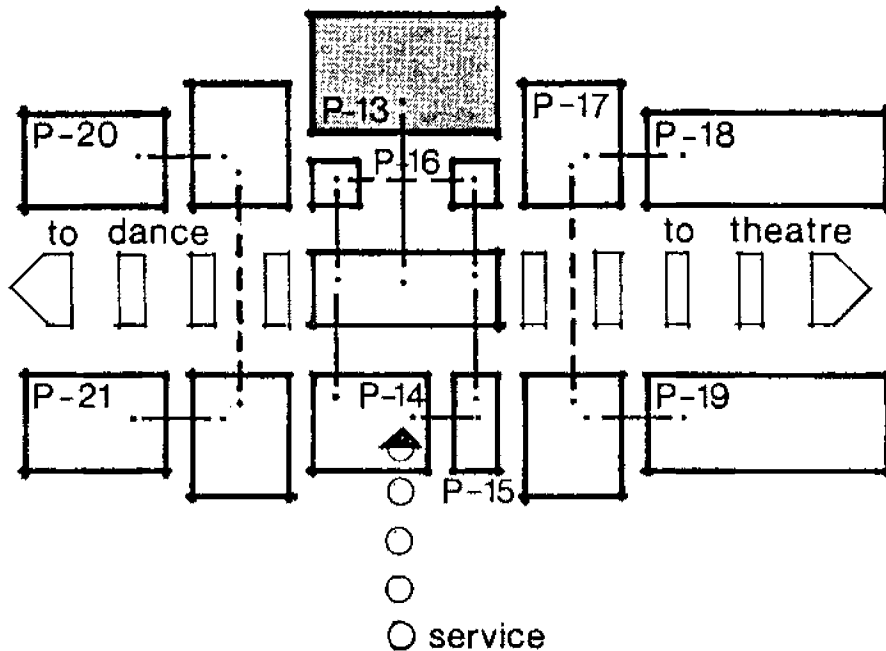
Finishes:

Floor: carpet ( soft )

Walls: sound absorptive

Ceiling: sound absorptive

Equipment: small raised platform for speaker, performer, etc. 30 movable chairs audio equip.



**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

Space: **Storage**

Square Feet - 500

Ceiling Height - arbitrary

Users: administration, faculty, and students

Function: large instrument storage, music repairs, supplies for instruments

Relationship: directly related to listening library and public circulation

Systems:

Lighting: direct fluorescent

Plumbing: not required

Mechanical: required

Considerations: none

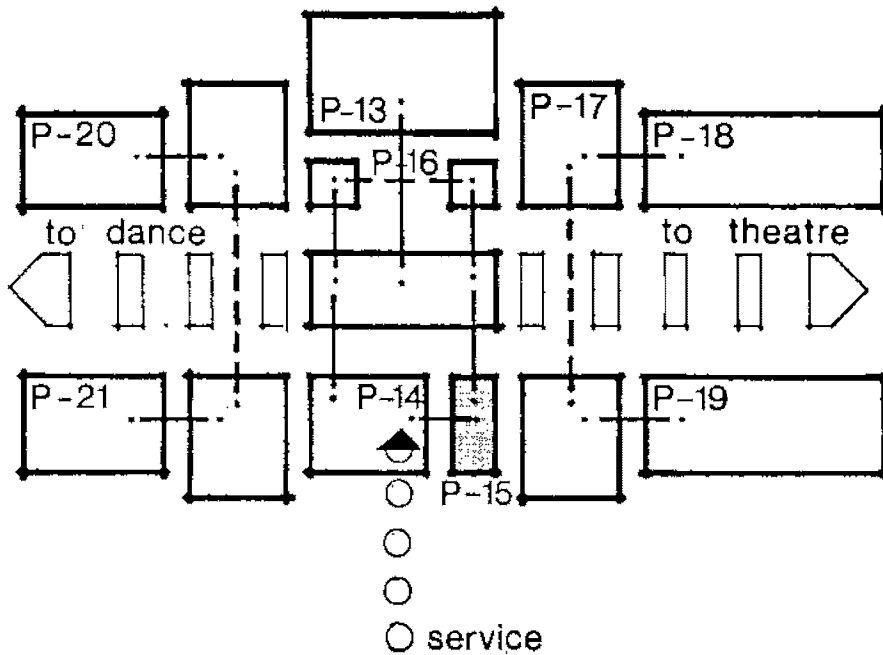
Finishes:

Floor: tile ( hard )

Walls: GWB

Ceiling: acoustical tile

Equipment: lockable storage, supply bins and cabinets



**BRIDGE FOR THE ARTS**

Space: Restrooms

Square Feet - 2 @ 160

Ceiling Height - 8'

Users: all user groups

Function: restrooms for all user groups

Relationship: directly related to public circulation and recital space

Systems:

Lighting: direct fluorescent

Plumbing: required for toilets, lavatories, and water fountain

Mechanical: required, also exhaust

Considerations: materials should be easily maintained

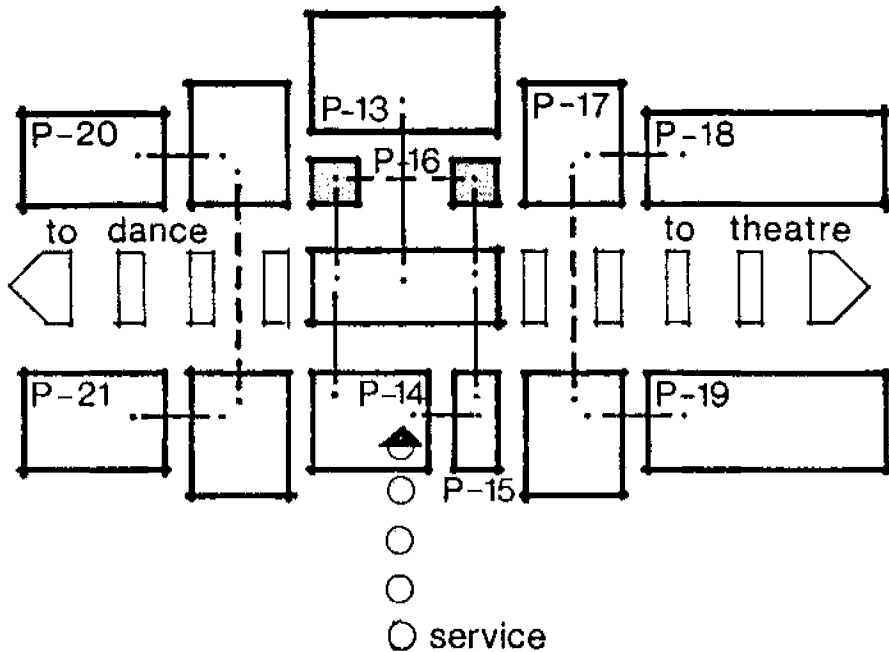
Finishes:

Floor: tile ( hard )

Walls: tile ( hard )

Ceiling: - GWB

Equipment: 4 toilets, 4 lavatories, and 2 urinals



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# Space: Practice Rooms

Square Feet - 30 @ 80

Ceiling Height - 10'

Users: students

Function: multi-use practice rooms for all of the schools of music, string, piano, woodwind, and vocal

Relationship: directly related to public circulation and instructional studios

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: no parallel walls

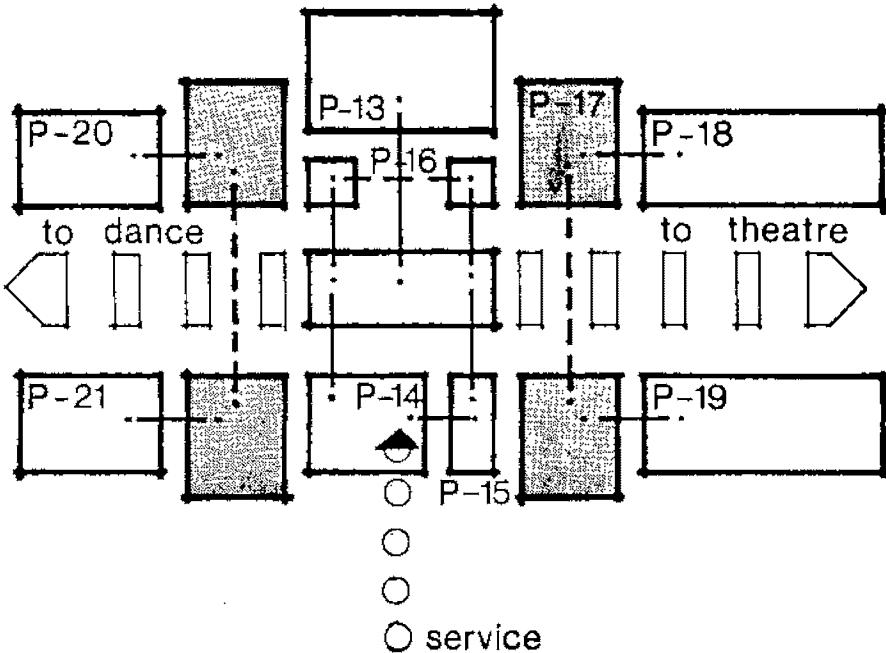
Finishes:

Floor: carpet ( soft )

Walls: acoustical treatment

Ceiling: acoustical treatment

Equipment: heavy insulated doors, pianos,



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Space: String Instructors

Square Feet - 4 @ 200

Ceiling Height - arbitrary

Users: faculty and students

Function: as an instructional studio for students on a one to one basis and also as an office studio for the faculty

Relationship: direct relationship to public circulation and practice studios.

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: given to transmission of sound through walls

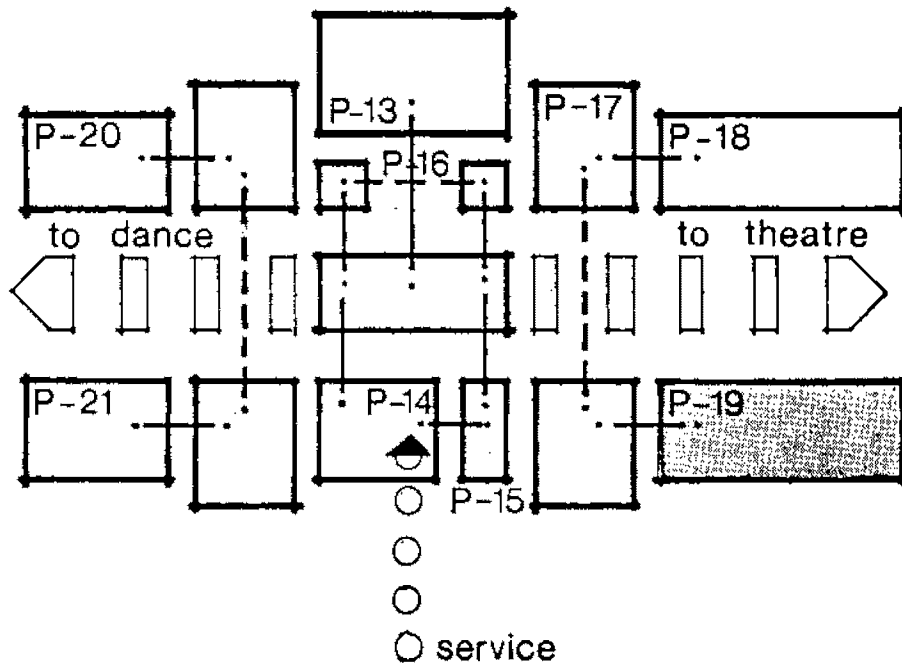
Finishes:

Floor: carpet

Walls: sound absorptive

Ceiling: sound absorptive

Equipment: piano, desk, lounge furniture



BRIDGE FOR THE ARTS

Space: **Woodwind Instructors**

Square Feet - 4 @ 150

Ceiling Height - arbitrary

Users: faculty and students

Function: as an instructional studio for students on a one to one basis, also as an office studio for the faculty.

Relationship: direct relationship to public circulation and practice studios.

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: given to sound transmission through walls.

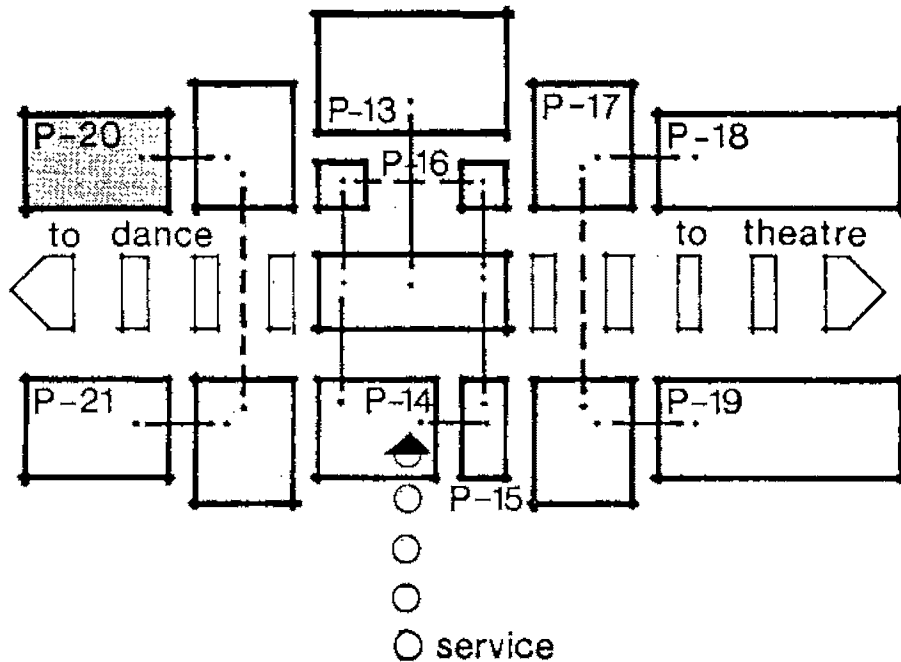
Finishes:

Floor: carpet

Walls: sound absorptive

Ceiling: sound absorptive

Equipment: desk, storage cabinets, piano, lounge furniture



**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a



Space: Voice Instructors

Square Feet - 4 @ 150

Ceiling Height - arbitrary

Users: faculty, students

Function: as an instructional studio for the students on a one to one basis and also as an office studio for the instructor.

Relationship: directly related to public circulation and practice studios

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: views to the south

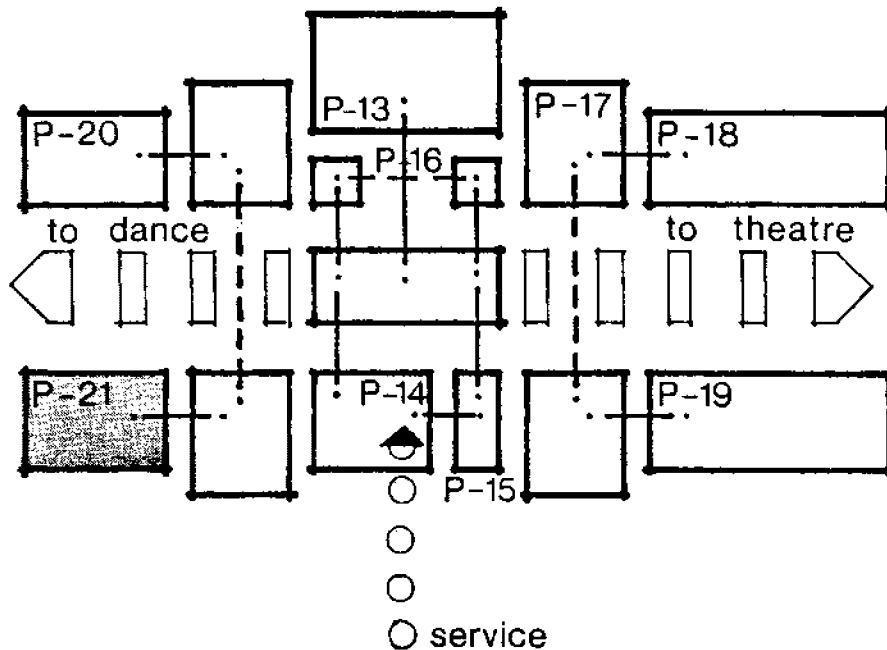
Finishes:

Floor: carpet

Walls: sound absorptive

Ceiling: sound absorptive

Equipment: grand piano, lounge furniture, storage cabinets



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Space: **Dance Studio**

Square Feet - 2000

Ceiling Height - 14' - 16'

Users: students, faculty

Function: dance lessons in classical ballet, jazz, modern, and native indian dance

Relationship: directly related to public circulation and dressing areas

Systems:

Lighting: daylight - indirect, dimming

Plumbing: not required

Mechanical: required

Considerations: none

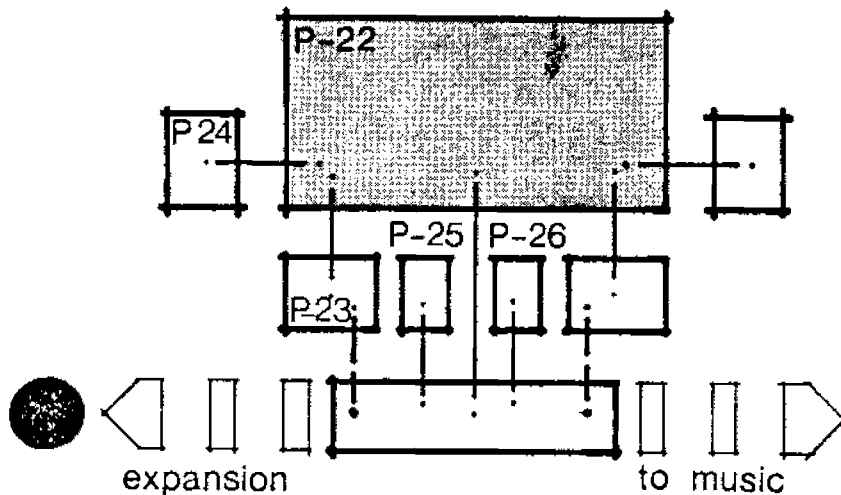
Finishes:

Floor: wooden parquet

Walls: 3 walls GWB, 1 wall mirror

Ceiling: acoustical tile

Equipment: full length mirror wall, bars at 3 levels, and portable bars



**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

Space: **Dressing Areas**

Square Feet - 2 @ 200

Ceiling Height - arbitrary

Users: students, faculty

Function: students prepare and rest for instruction in dance studio

Relationship: directly related to dance studio

Systems:

Lighting: direct fluorescent

Plumbing: required for lavatories

Mechanical: required

Considerations: none

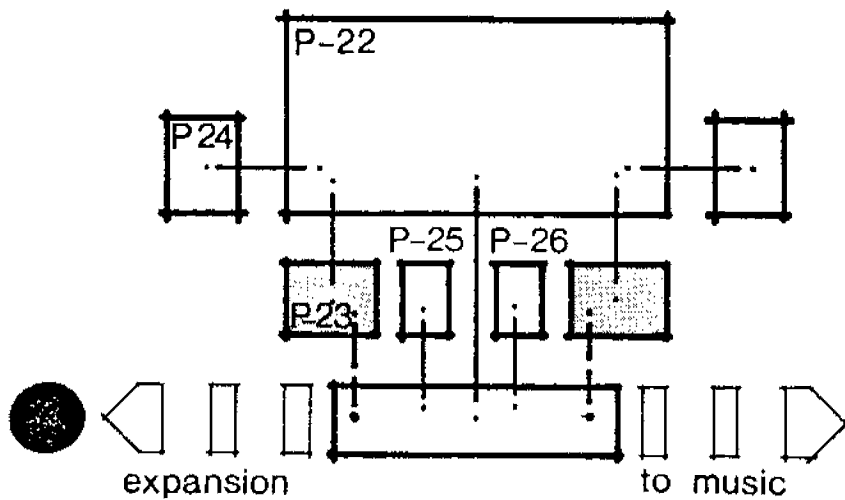
Finishes:

Floor: wooden parquet

Walls: GWB

Ceiling: acoustical tile

Equipment: clothing and boot storage, counter with sinks



**BRIDGE FOR THE ARTS**

Space: **Dance Instructor**

Square Feet - 2 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: private dressing studio for  
dance instructor

Relationship: directly related to dance  
studio

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: views to the south

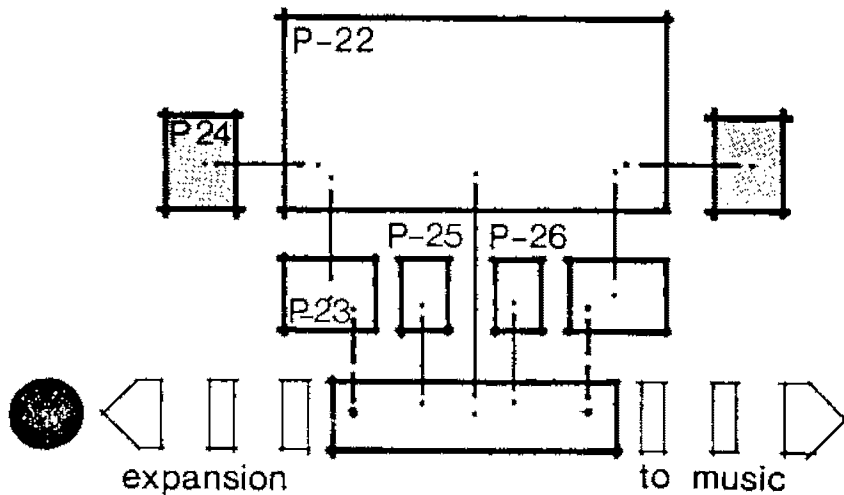
Finishes:

Floor: wooden parquet

Walls: GWB

Ceiling: acoustical tile

Equipment: storage cabinet, lounge  
furniture, counter



**BRIDGE FOR THE ARTS**

T u l s a   O k l a h o m a

Space: **Observation**

Square Feet - 280

Ceiling Height arbitrary

Users: all user groups

Function: quiet waiting areas for families  
observation area for public  
viewing of dance demonstrations

Relationship: visually related to dance  
studio below, access  
directly related from main  
public circulation

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: area located above dance  
studio

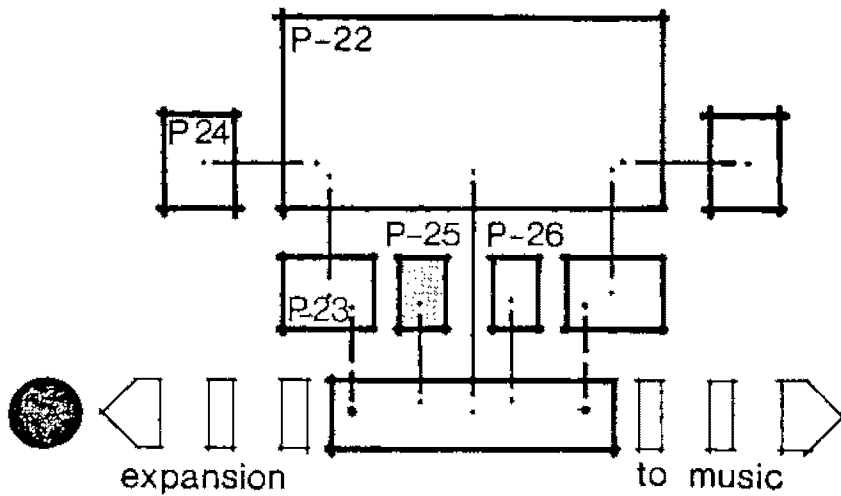
Finishes:

Floor: carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: 20 fixed seats



**BRIDGE FOR THE ARTS**

T u l s a   O k l a h o m a

Space: **Storage**

Square Feet - 2 @ 100

Ceiling Height - arbitrary

Users: students, faculty

Function: storage of costumes, bars, etc

Relationship: directly related to dressing areas and dance studio

Systems:

Lighting: fluorescent direct

Plumbing: not required

Mechanical: required

Considerations: none

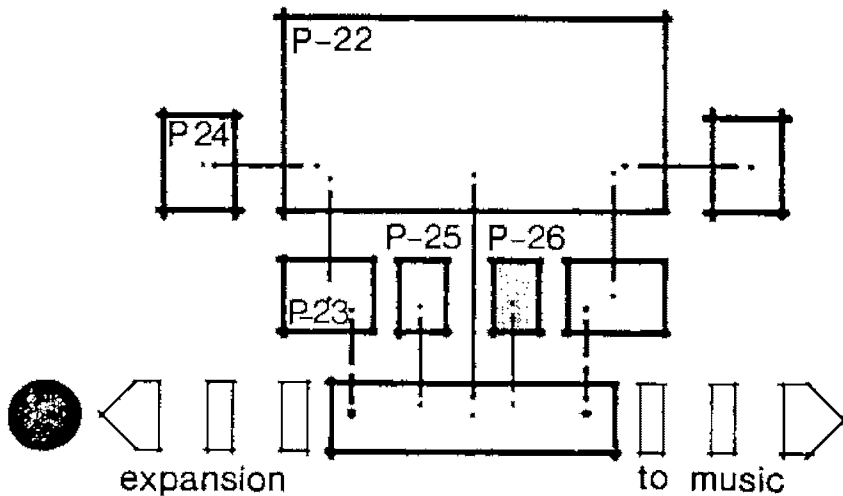
Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: costume racks storage cabinets

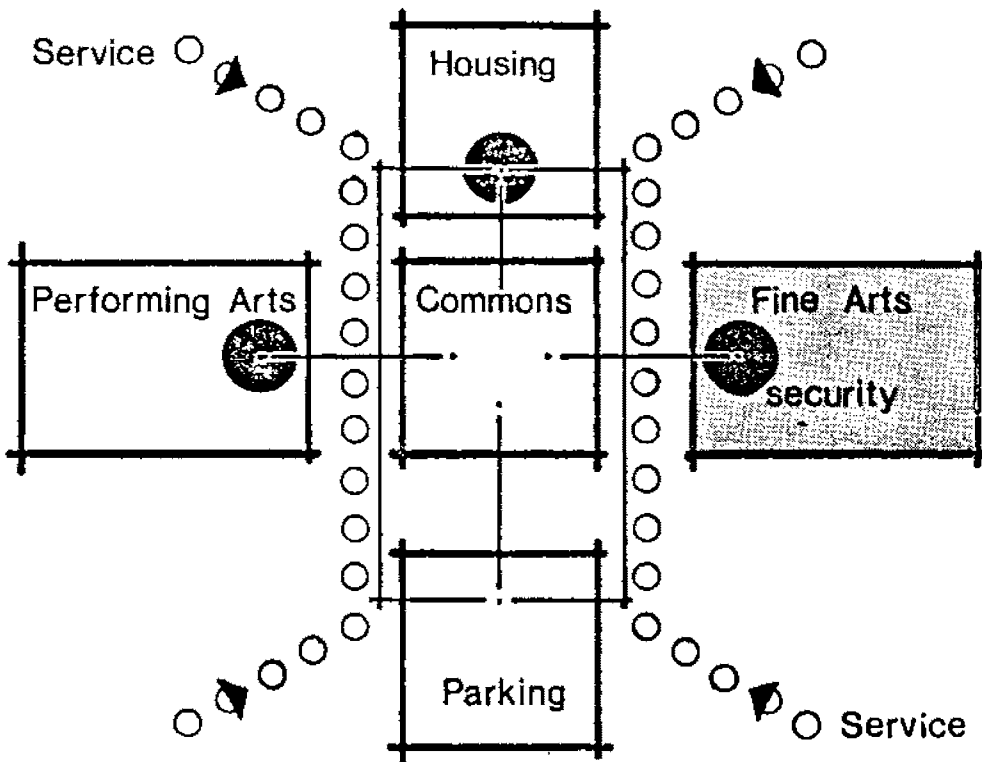


**BRIDGE FOR THE ARTS**

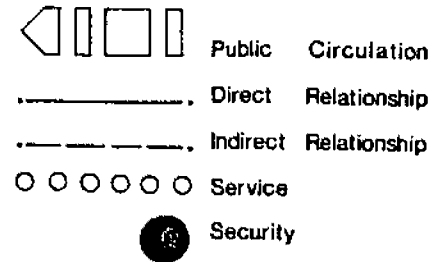
T u l s a O k l a h o m a

# FINE ARTS

THE FINE ARTS include support facilities for both common and private galleries and exhibition rooms, slide library, supply store, student and faculty studios and work areas. These areas should be flexible enough to encourage the study of new art forms and techniques. Spaces should also facilitate interaction and exposure between the students and community. This in-turn will expose both the student and visitor to other art forms which they may not be familiar with, creating a greater sense of appreciation for the Fine Arts as a whole.

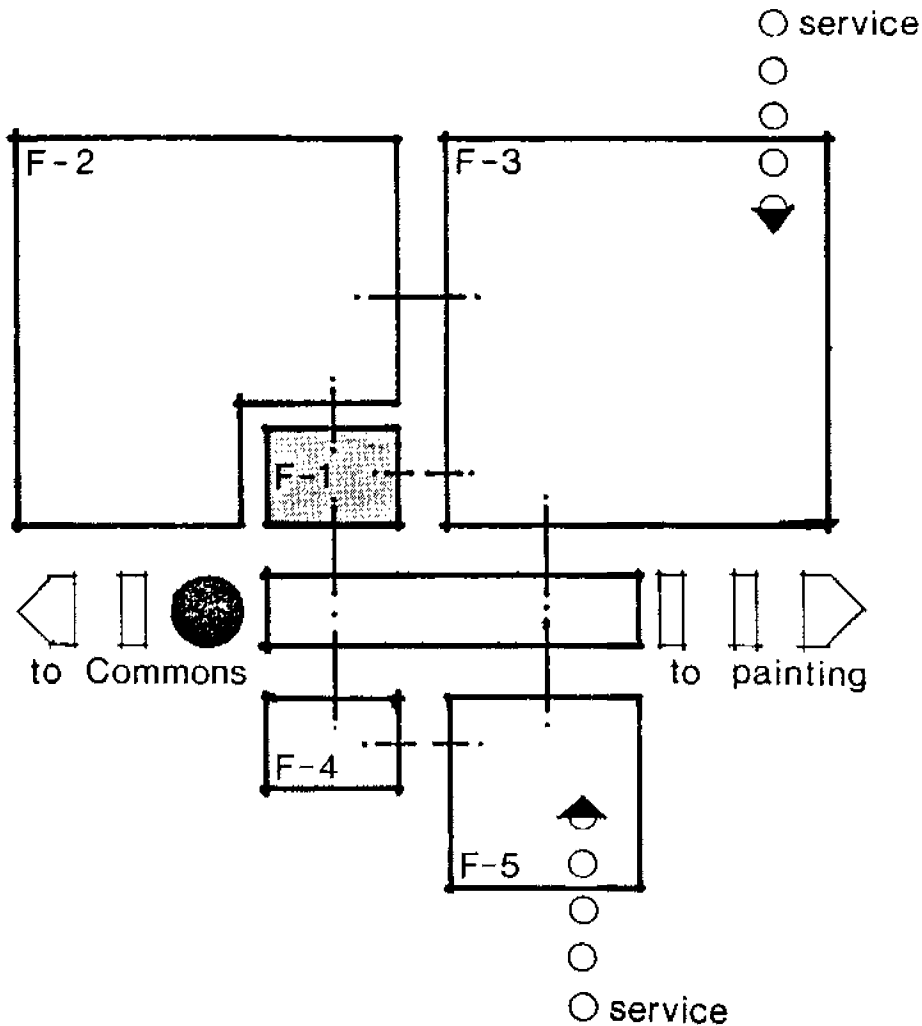


Relationship Index



## BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a



## Space: Gallery Reception

Square Feet - 400

Ceiling Height - arbitrary

Users: all user groups

Function: serve as an information and security checkpoint for the gallery with supplemental area for refreshment preparation.

Relationship: located within gallery directly adjacent to main lobby and gallery prep and vault.

### Systems:

Lighting: daylight - indirect, signage

Plumbing: required for prep area

Mechanical: required

Considerations: general image open and inviting with security monitor system hidden

### Finishes:

Floor: tile - carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: counter area, storage cabinets, kitchenette, monitoring system

## BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a



## Space: Main Gallery

Square Feet - 4000

Ceiling Height - 20'+

Users: all user groups

Function: to provide display for traveling and permanent art collection of the faculty and guest artists  
Also used for lectures and recep

Relationship: directly related to main lobby and gallery prep.

### Systems:

Lighting: direct, ceiling spot lighting

Plumbing: not required

Mechanical: required

Considerations: given to the division of the main gallery into small exhibit areas.

### Finishes:

Floor: carpet - tile ( flexible )

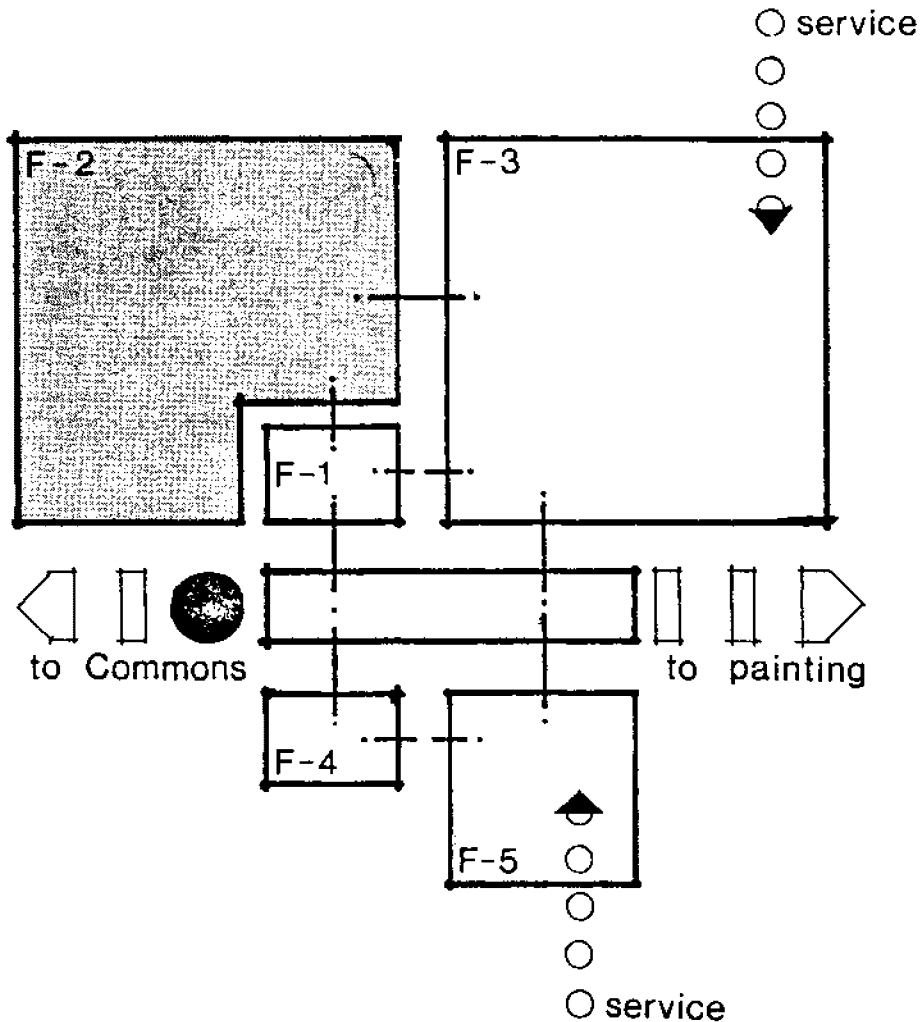
Walls: movable partitioning system

Ceiling: flexible

Equipment: display equipment, soft lounging furniture, security system

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Gallery Storage

Square Feet - 4000

Ceiling Height - 14'+

Users: administration and service

Function: receiving, preparation, repair and storage of all exhibit material.

Relationship: direct service access from street also direct access to gallery area.

Systems:

Lighting: direct fluorescent

Plumbing: required, with service sinks and hose bibs

Mechanical: required

Considerations: space to include woodworking area, vault, loading dock

Finishes:

Floor: unfinished

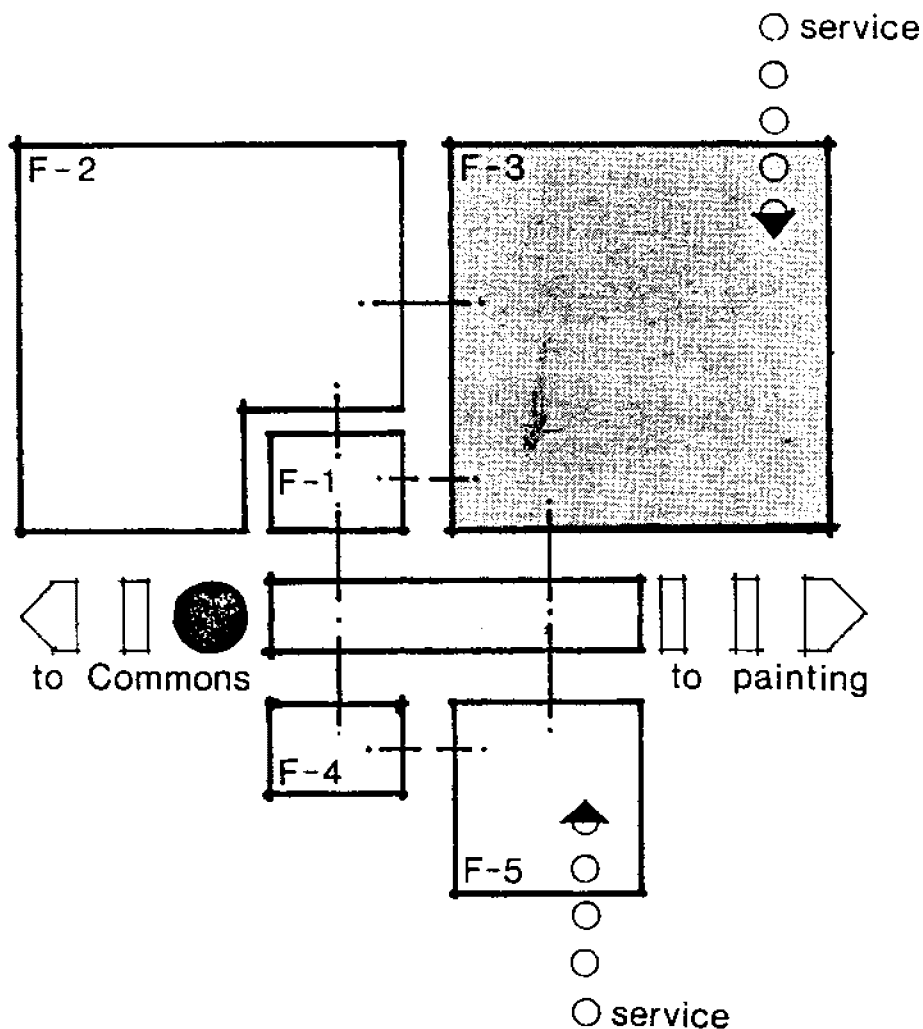
Walls: unfinished

Ceiling: exposed

Equipment: woodworking equipment, hydraulic lift, service sinks

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



# Space: Fine Art's Library

Square Feet - 1000

Ceiling Height - arbitrary

Users: students, faculty

Function: space for research and documentation of art works and techniques used in the school

Relationship: directly related to public circulation and indirectly related to supply store.

## Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: quiet atmosphere for studying, enhanced views to river

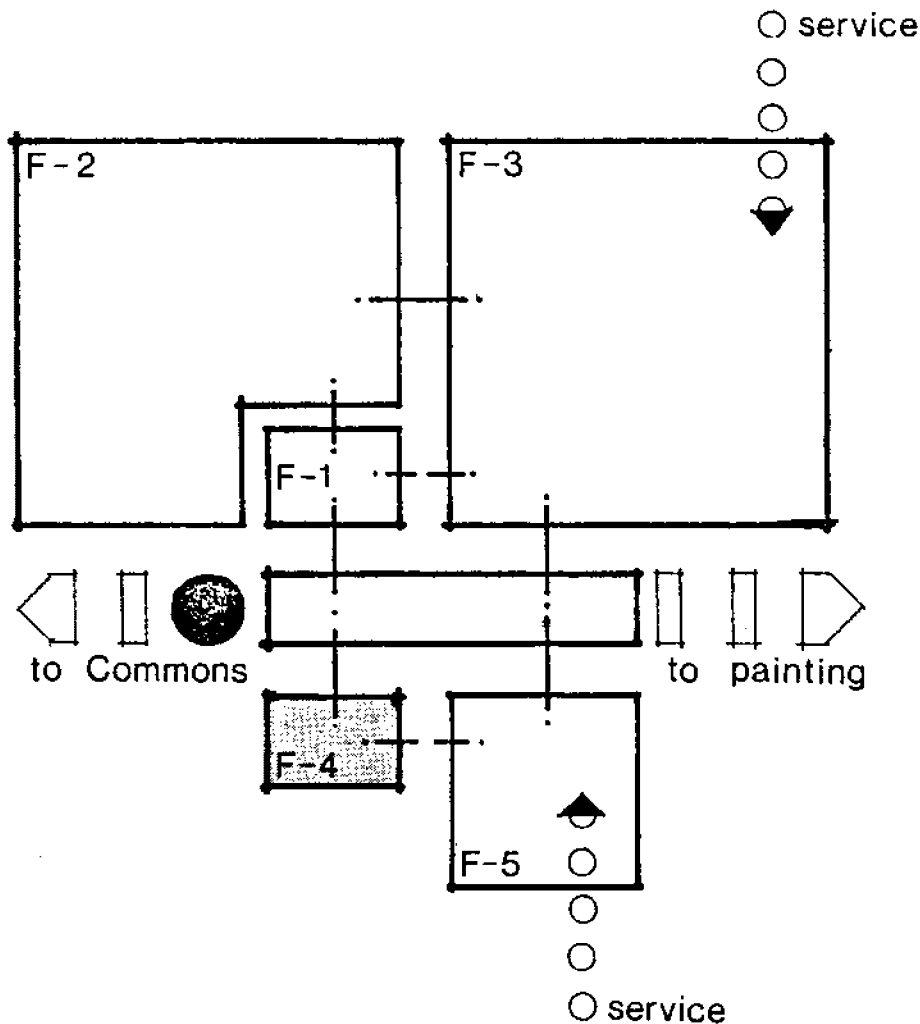
## Finishes:

Floor: carpet

Walls: GWB

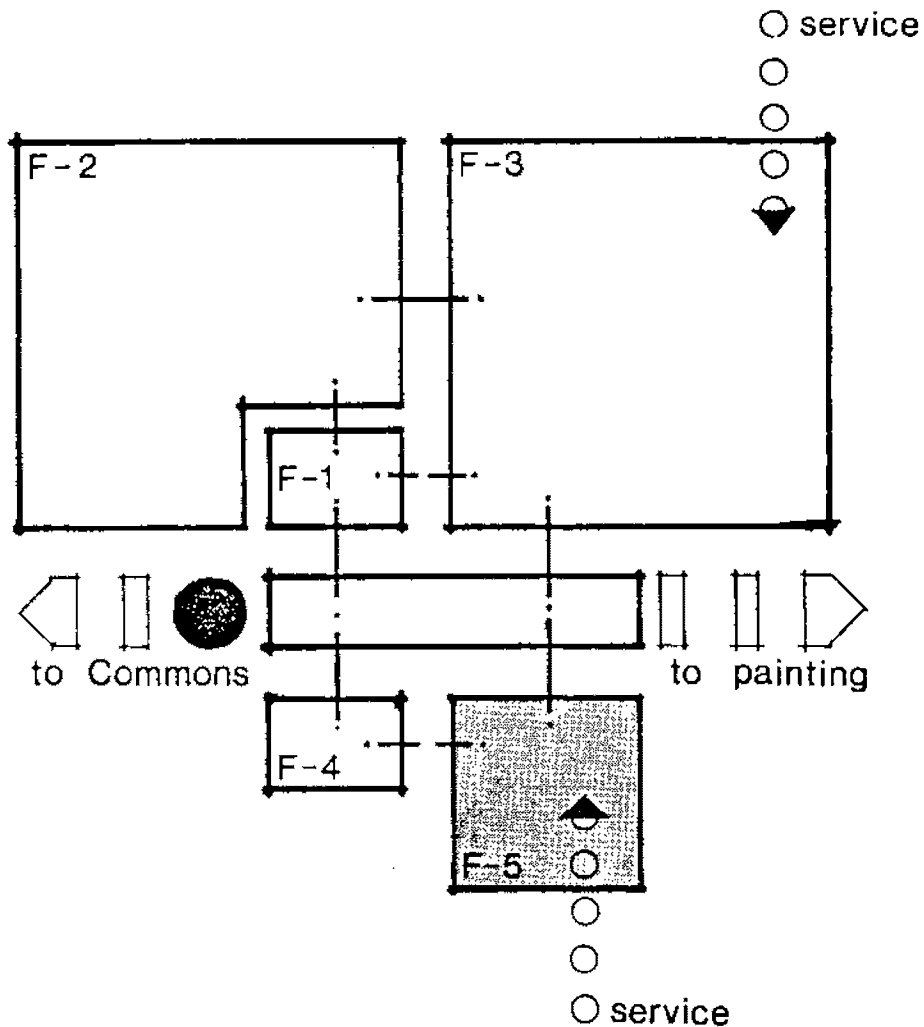
Ceiling: acoustical tile

Equipment: bookshelves, slide storage, cabinets, slide projection tables, lounge furniture



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Supply Store

Square Feet - 1000

Ceiling Height - arbitrary

Users: students, faculty

Function: to serve student and faculty supply needs in the classroom

Relationship: directly related to public circulation with easy access to all arts studios.

### Systems:

Lighting: daylight - indirect

Plumbing: required, small service sink

Mechanical: required, ventilation

Considerations: given to service access and scheduling

### Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: display, storage shelving, cash register, blueprint machine, xerox machine

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# Space: Graphics Studio

Square Feet - 2 @ 1400

Ceiling Height - 12' - 14'

Users: students, faculty

Function: to provide students with experience in design, drawing, and graphic interpretation of various art forms.

Relationship: direct access to public circulation and clean up areas.

## Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required, with positive exhaust

Considerations: electrical outlets in floor, gas service

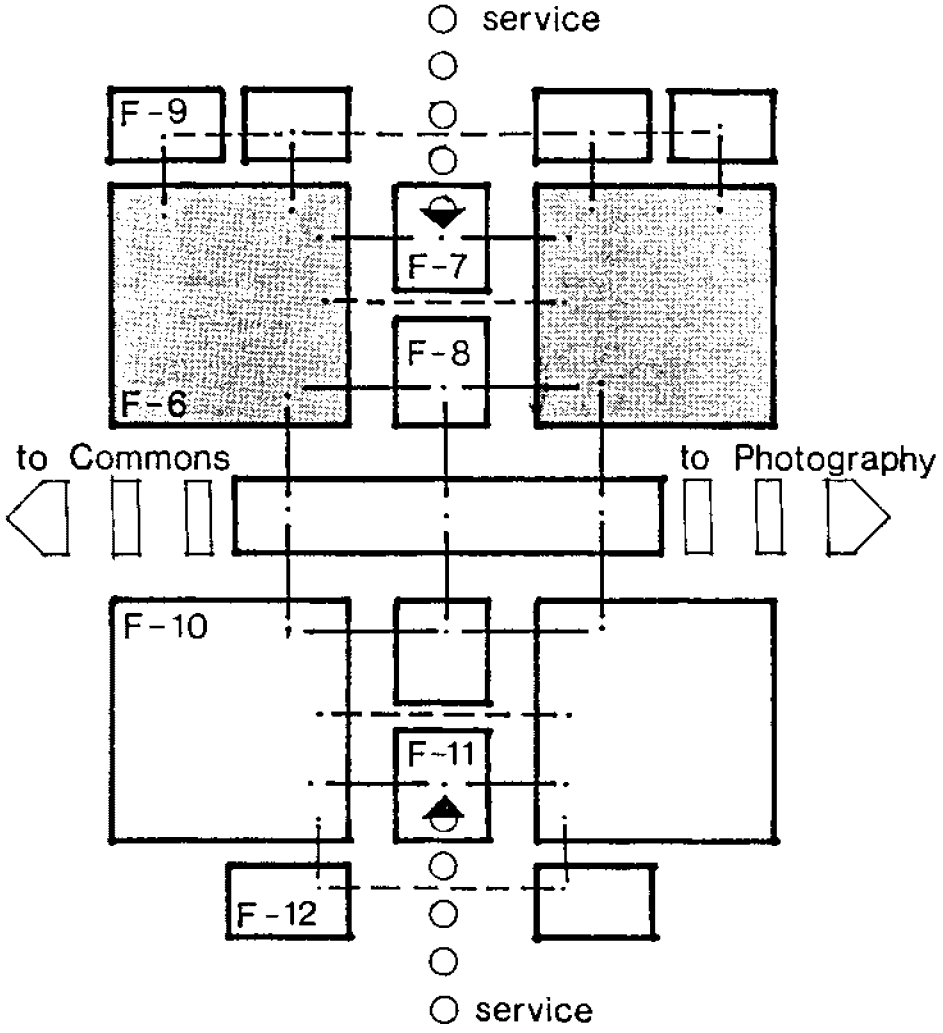
## Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: drafting tables, stools, light tables, drying racks, silk-screening frames, xerox etc.



# BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Clean-Up

Square Feet - 350

Ceiling Height - arbitrary

Users: students, faculty

Function: clean-up and storage area shared by both graphics and drawing studios.

Relationship: directly related to both graphics and drawing studios area should also be zoned for service.

Systems:

Lighting: direct fluorescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained

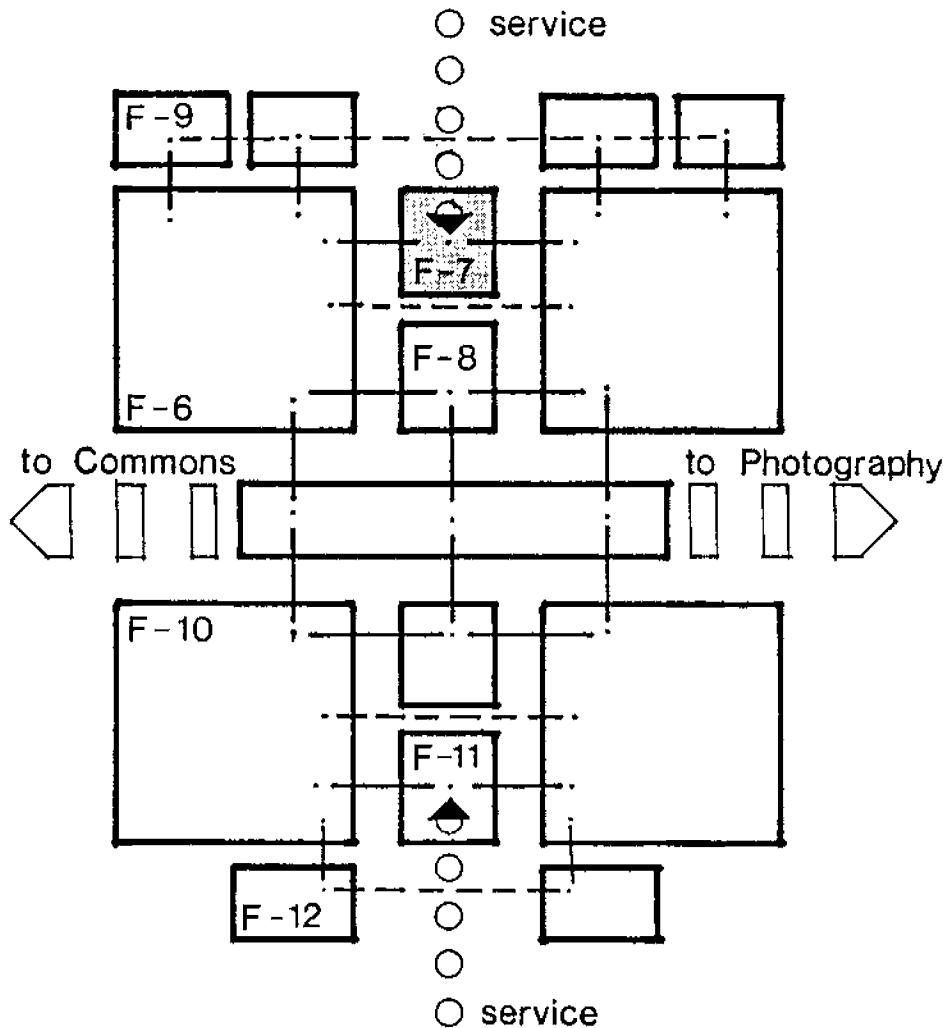
Finishes:

Floor: tile

Walls: tile, GWB

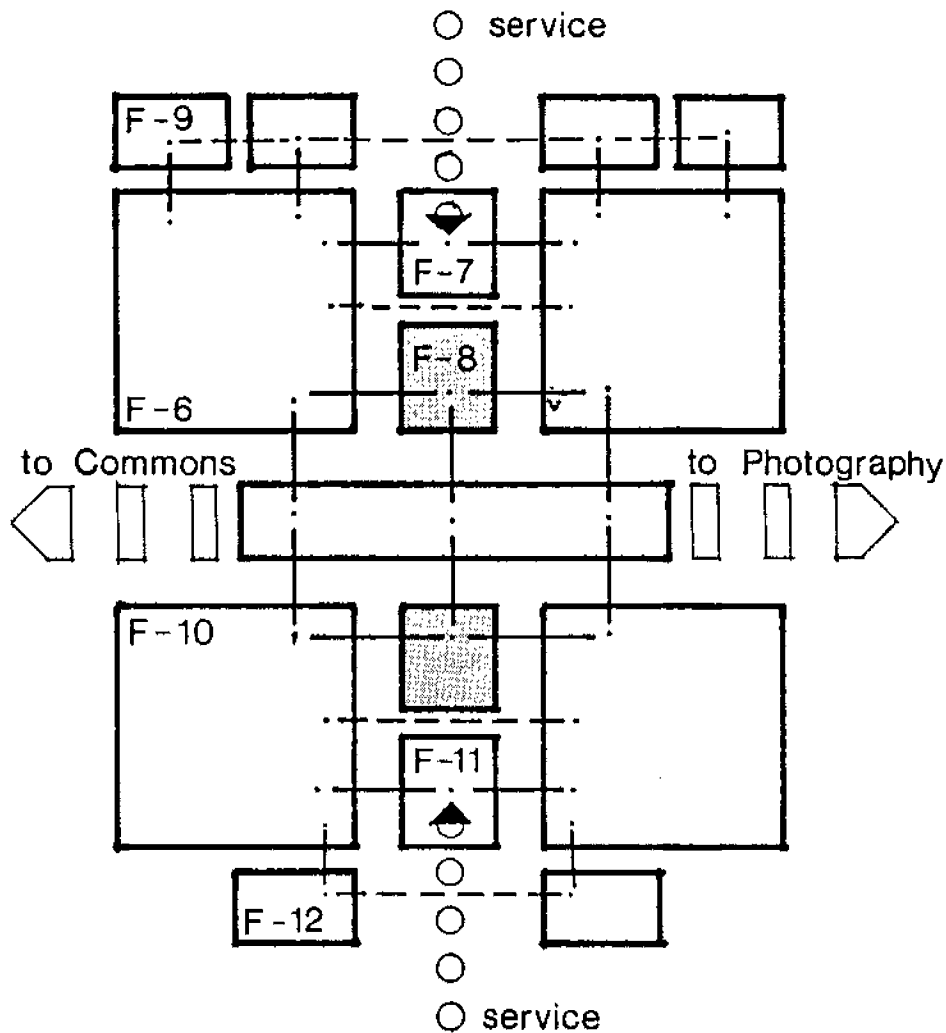
Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat files, storage lockers for student's supplies.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Exhibition

Square Feet - 2 @ 240

Ceiling Height 12' - 14'

Users: all user groups

**Function:** space to display student work for public viewing in a more intimate setting, also small lecture areas.

**Relationship:** directly related to public circulation with secondary visual relationships to studios.

### Systems:

**Lighting:** direct ceiling mounted lights and adj. spots.

**Plumbing:** not required

**Mechanical:** required

**Considerations:** informal space where public can see art in progress

### Finishes:

**Floor:** tile, carpet

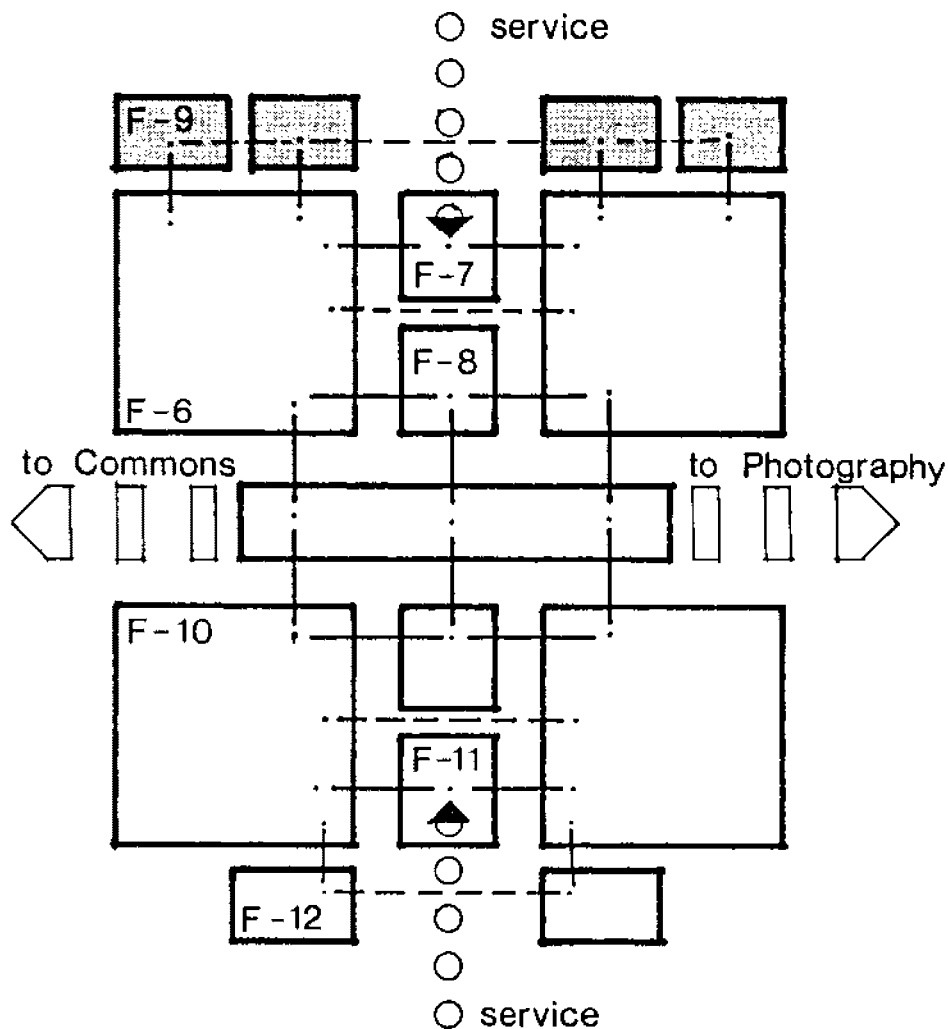
**Walls:** GWB movable partitions

**Ceiling:** acoustical tile

**Equipment:** movable partitions, lounge seating.

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Instructor's Studio

Square Feet - 4 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to drawing - graphics studio.

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

Finishes:

Floor: tile - carpet

Walls: GWB

Ceiling: acoustical tile

Equipment: drawing table, storage cabinet  
lay tables

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Painting Studio

Square Feet - 2 @ 1400

Ceiling Height - 12' - 14'

Users: students, faculty

Function: to provide instruction in oil, acrylic, and water color painting.

Relationship: direct relationship to public circulation.

### Systems:

Lighting: daylight - indirect, also spot lighting

Plumbing: not required

Mechanical: required, with positive exhaust

Considerations: north light exposure, controllable lighting.

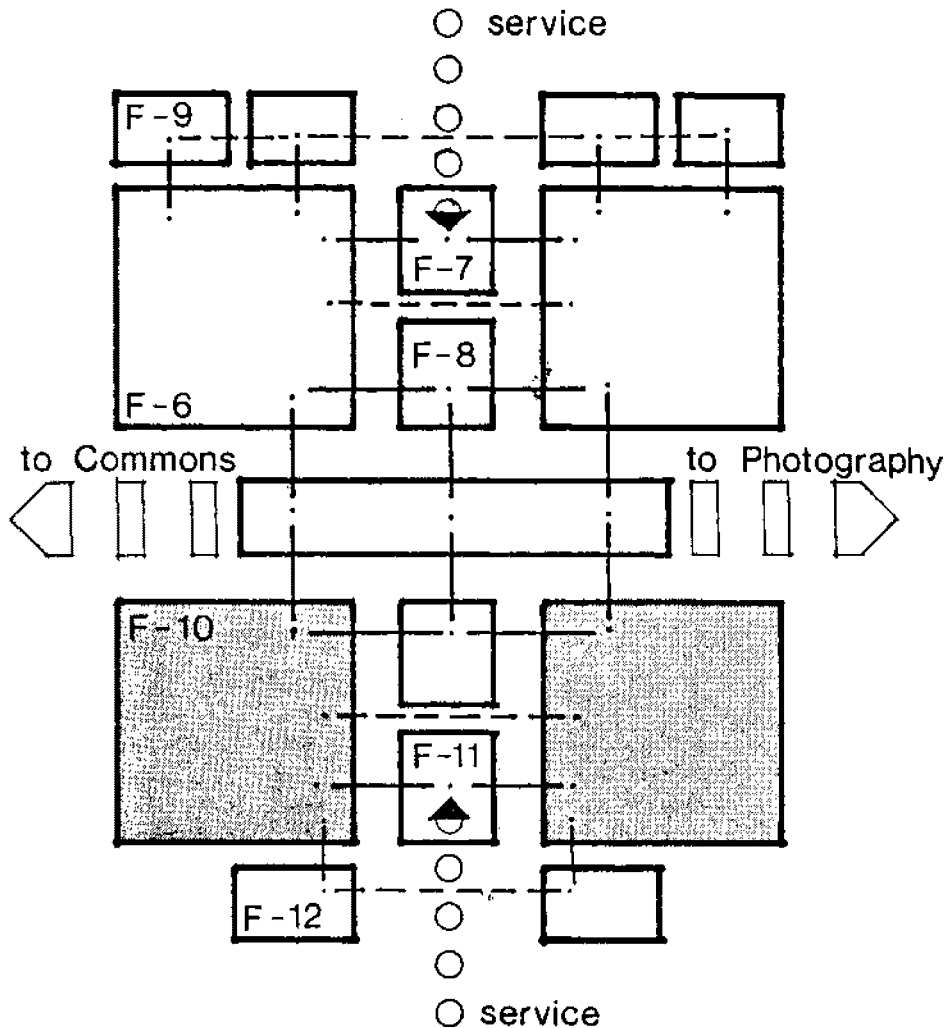
### Finishes:

Floor: tile

Walls: GWB

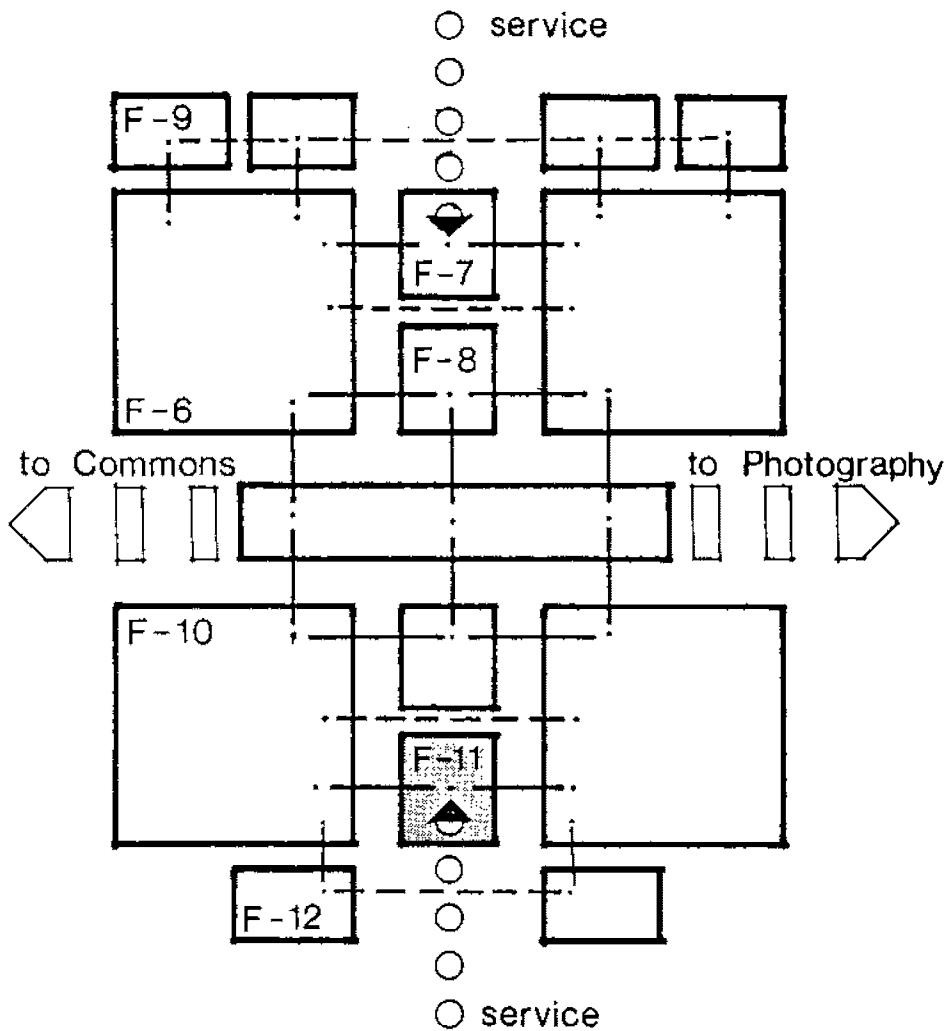
Ceiling: acoustical tile - exposed

Equipment: adjustable work tables, model platforms, lockable storage, matting area.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Clean-Up

Square Feet - 360

Ceiling Height - arbitrary

Users: students, faculty

Function: clean-up and storage area shared by both painting studios.

Relationship: directly related to both painting studios, should also be zoned for service

### Systems:

Lighting: direct fluorescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained.

### Finishes:

Floor: tile

Walls: tile, GWB

Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat files, storage lockers for student's supplies

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Instructor's Studio

Square Feet - 2 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to painting studios

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

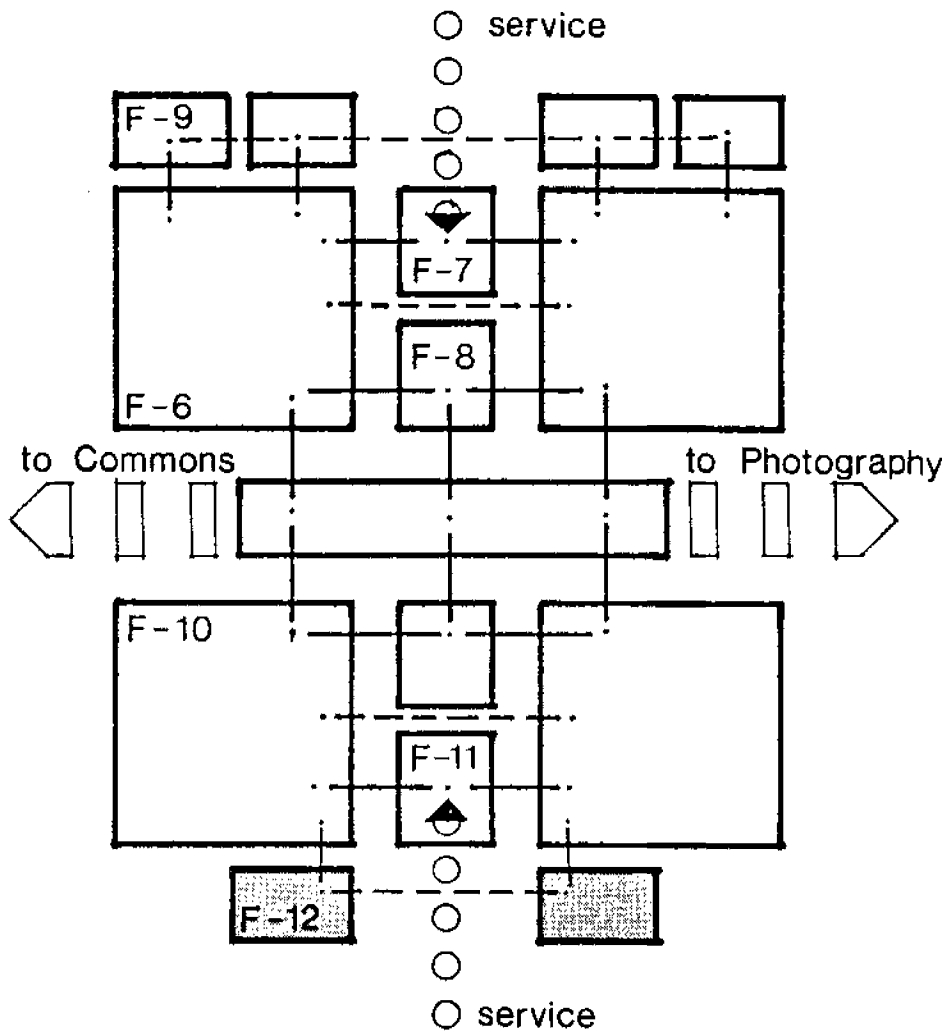
Finishes:

Floor: tile - carpet varies

Walls: GWB

Ceiling: acoustical tile

Equipment: drawing table, storage cabinet, lay tables



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Restrooms

Square Feet - 2 @ 160

Ceiling Height - 8'

Users: all user groups

Function: to provide restrooms for  
all user groups

Relationship: directly related to public  
circulation

### Systems:

Lighting: direct fluorescent

Plumbing: required for toilets, lavs,  
and sinks

Mechanical: required with the add-  
ition of positive exhaust

Considerations: none

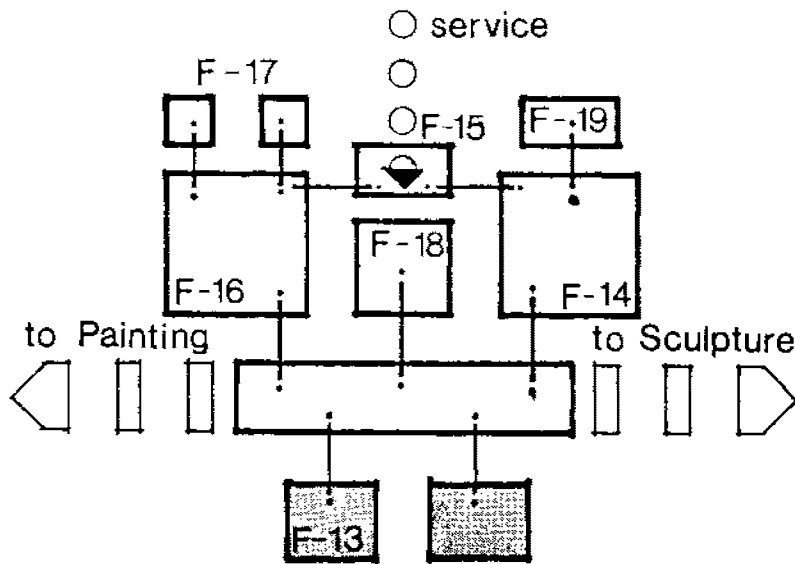
### Finishes:

Floor: tile

Walls: tile - GWB

Ceiling: acoustical tile

Equipment: 4 toilets, 4 lavatories, and  
2 urinals



# BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Set-Up

Square Feet - 720

Ceiling Height - arbitrary

Users: students, faculty

Function: space for the preparation, development and drying of film.  
Also picture cropping and mounting.

Relationship: directly related to public circulation and storage area.

Systems:

Lighting: direct fluorescent

Plumbing: required for chemical sinks.

Mechanical: required

Considerations: to include closets for loading film canisters.

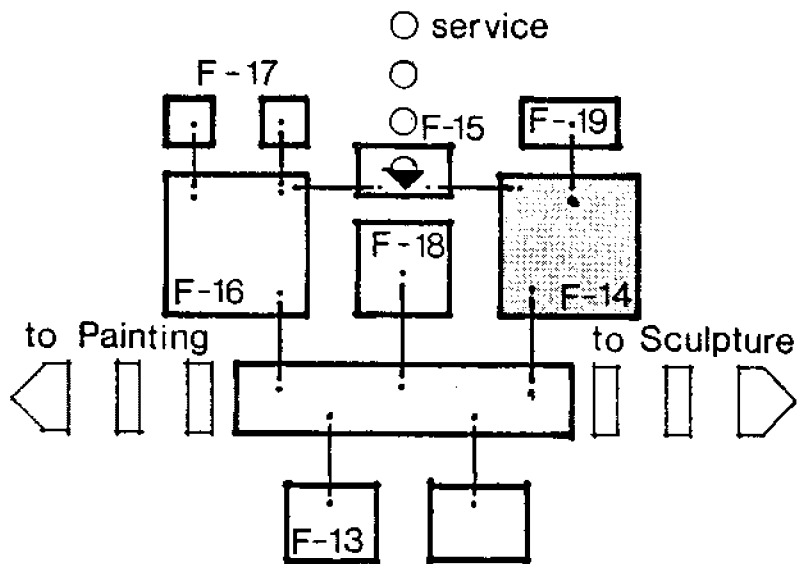
Finishes:

Floor: tile

Walls: tile, GWB

Ceiling: acoustical tile

Equipment: chemical storage and sinks, drying cabinets, light tables, and lay tables.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Space: **Storage**

Square Feet - 100

Ceiling Height - arbitrary

Users: students, faculty

Function: storage of developing chemicals, photographic papers, and mountings. Also zoned for service.

Relationship: directly related to set up and darkroom

Systems:

Lighting: direct fluorescent

Plumbing: not required

Mechanical: required

Considerations: none

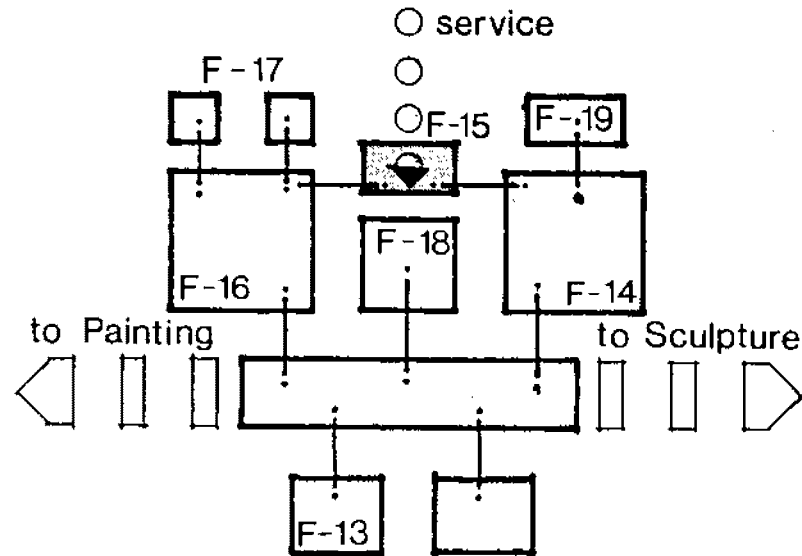
Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: storage racks, lay tables



**BRIDGE FOR THE ARTS**

T u l s a O k l a h o m a

## Space: Darkroom

Square Feet - 720

Ceiling Height - arbitrary

Users: students, faculty

Function: for the instruction of the technique in developing and printing of photographic film.

Relationship: directly related to storage and individual darkrooms

### Systems:

Lighting: directs fluorescent, safe light

Plumbing: required for wash and holding tanks

Mechanical: required

Considerations: enlargers at specific stations, developing in common area

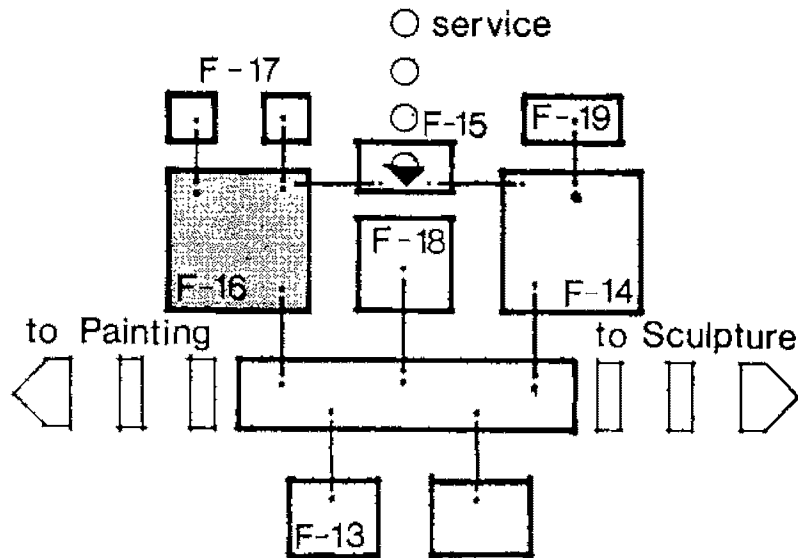
### Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: 10 enlargers, chemical trays, cutting surface, holding tank, and dryers



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Individual Darkroom

Square Feet - 2 @ 80

Ceiling Height - arbitrary

Users: students, faculty

Function: for individual darkroom work other than scheduled class work.

Relationship: directly related to class darkroom

### Systems:

Lighting: direct fluorescent, safe light

Plumbing: required for wash and holding tanks

Mechanical: required

Considerations: none

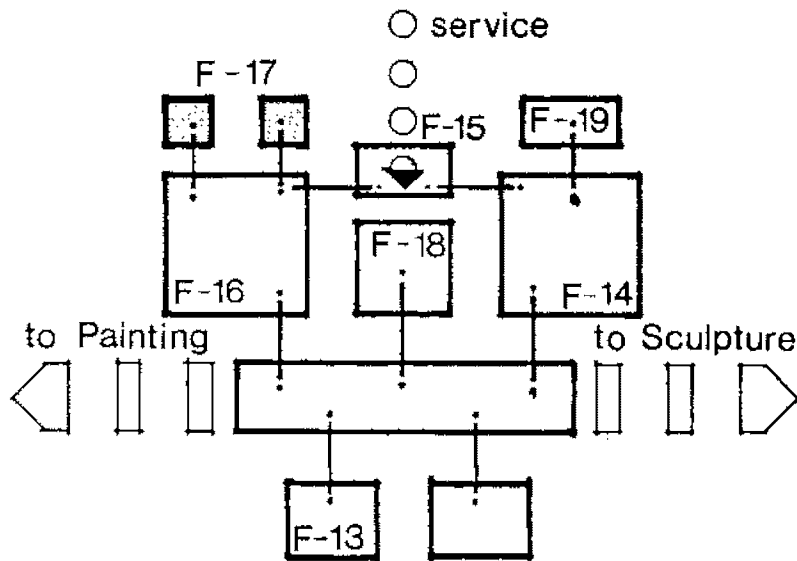
### Finishes:

Floor: tile

Walls: GWB

Ceiling: acoustical tile

Equipment: enlarger, lay tables cutting surface



## BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a



## Space: Instructor's Studio

Square Feet - 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to photographic studios.

Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Acoustics: visual access to main studio

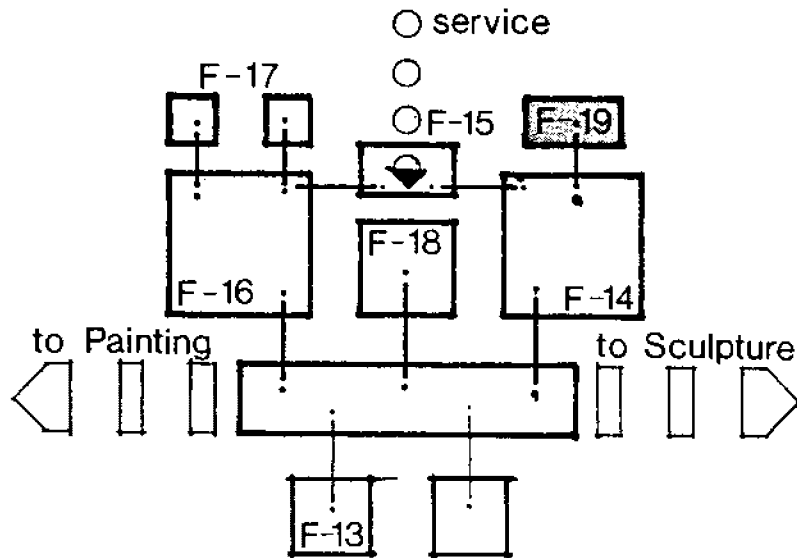
Finishes:

Floor: tile - carpet, varies

Walls: GWB

Ceiling: acoustical tile

Equipment: desk, mounting table, cutting surface, and lounge furniture.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Sculpture Studio

Square Feet - 2 @ 1400

Ceiling Height - 12' to 14'

Users: student, and faculty

Function: to provide instruction in wood, plastic, wax, and clay sculpturing.

Relationship: directly related to public circulation and clean-up area.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: 230V and 110V electric, fireproofing, and natural gas service.

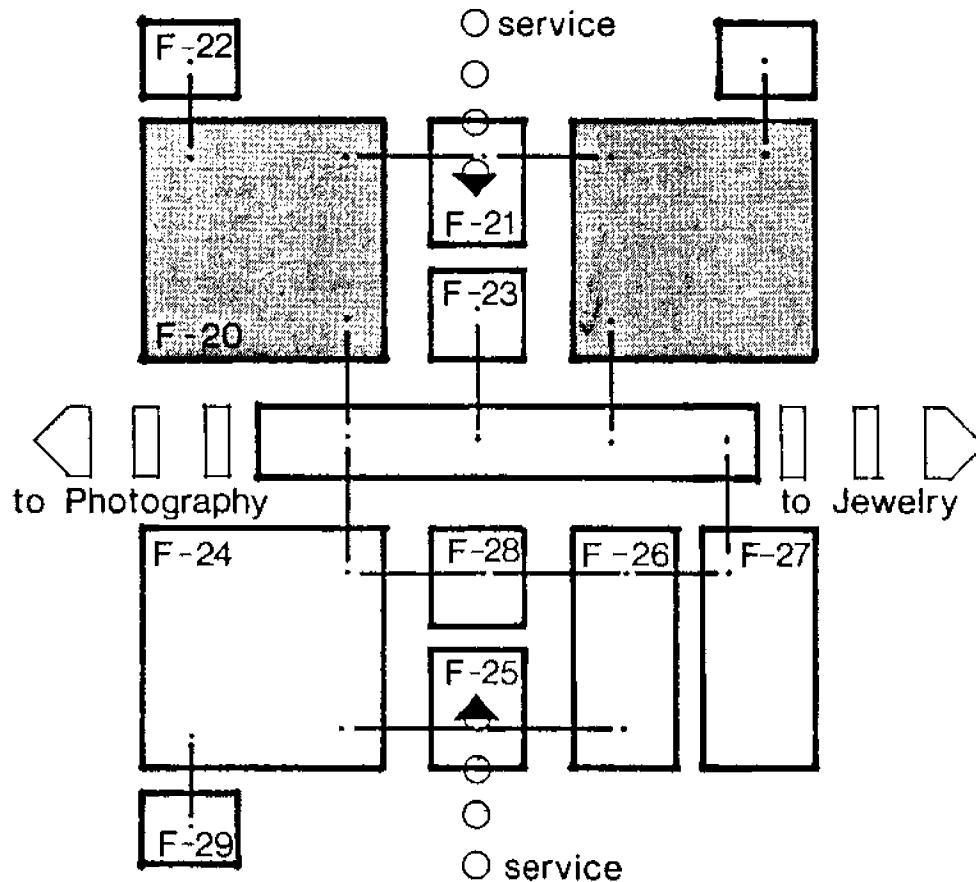
### Finishes:

Floor: tile - unfinished

Walls: GWB - unfinished

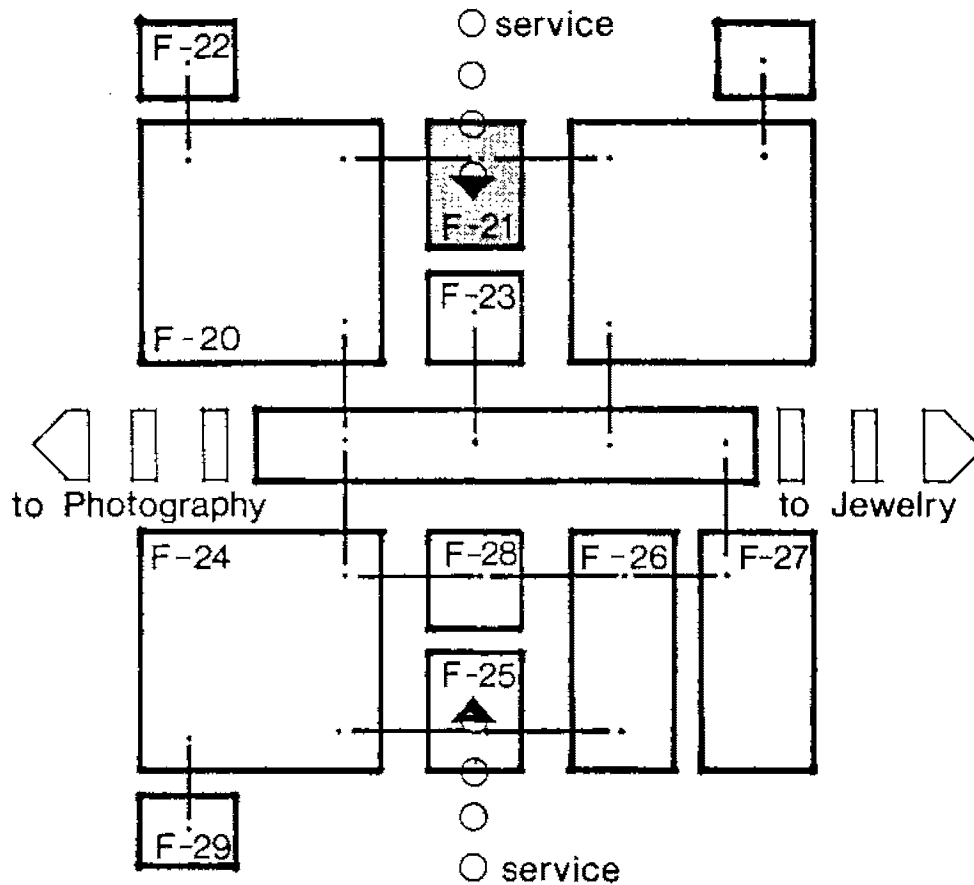
Ceiling: exposed

Equipment: work table, modeling stands, storage bins, bench grinder, dough mixers, and drill press.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Clean-Up

Square Feet - 360

Ceiling Height - arbitrary

Users: students, and faculty

Function: clean-up and storage area shared by both sculpturing studios.

Relationship: directly related to both sculpturing studios, should also be zoned for service.

### Systems:

Lighting: direct fluorescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained

### Finishes:

Floor: tile

Walls: tile, GWB

Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat filed, storage lockers for student's supplies.

BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# Space: Instructor's Studio

Square Feet - 2 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to sculpturing studios.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

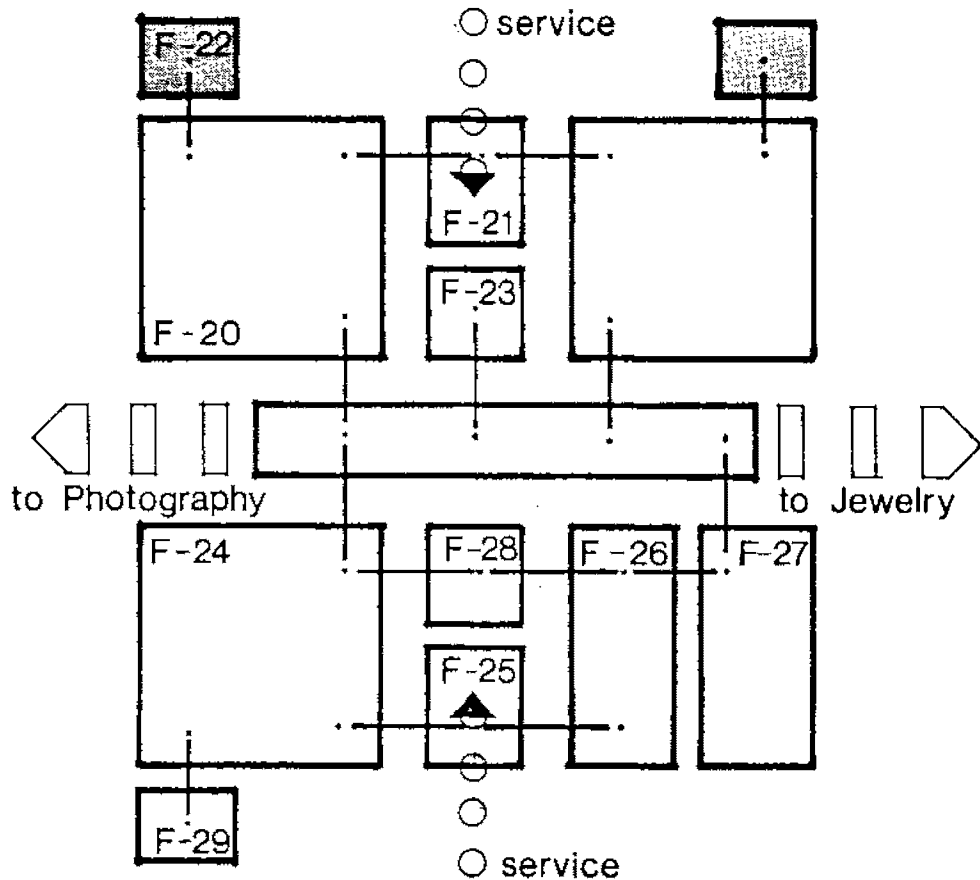
### Finishes:

Floor: tile - carpet, varies

Walls: GWB

Ceiling: acoustical tile

Equipment: modeling stand, desk, storage cabinet, lay tables.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Exhibition

Square Feet - 240

Ceiling Height - 12' to 14'

Users: all user groups

Function: space to display student work for public viewing in a more intimate setting, also small lecture areas.

Relationship: directly related to public circulation with secondary visual relationships to studios.

### Systems:

Lighting: direct ceiling mounted lights and adj. spots.  
Plumbing: not required

Mechanical: required

Considerations: informal space where public can see art in progress.

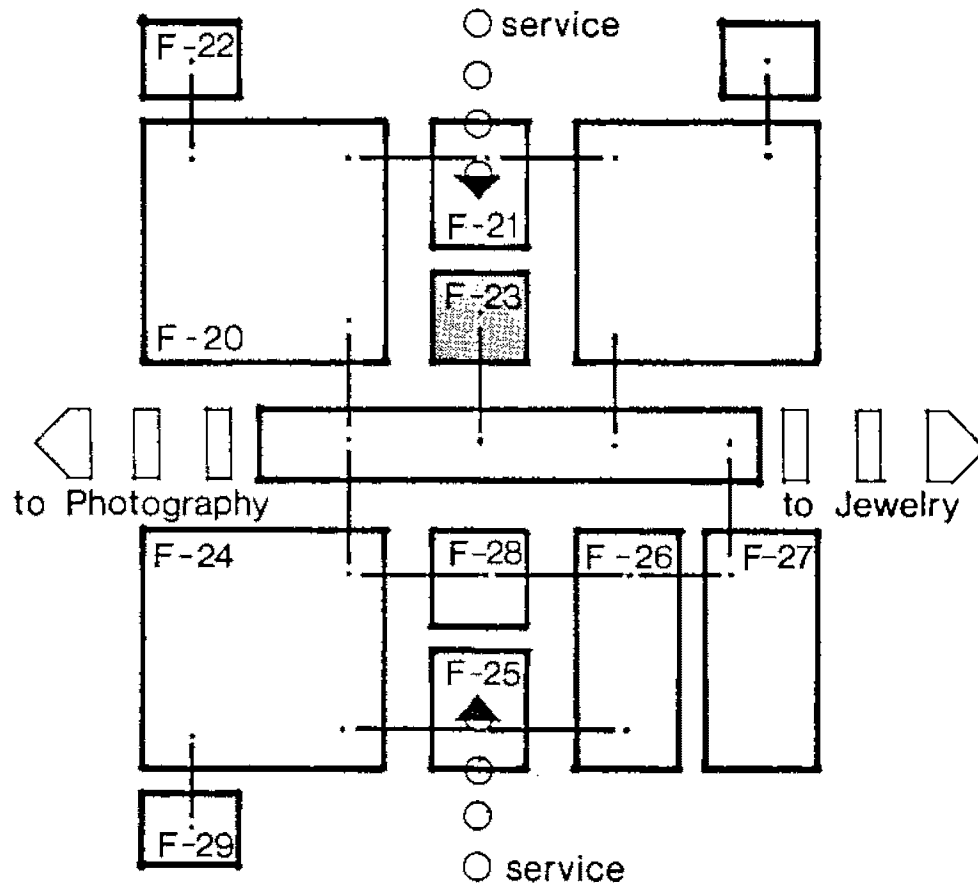
### Finishes:

Floor: tile, carpet - varies

Walls: GWB movable partitions

Ceiling: acoustical tile

Equipment: movable partitions, lounge seating



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Throwing

Square Feet - 1400

Ceiling Height - 12' to 14'

Users: students, and faculty

Function: space for the instruction of the throwing techniques in ceramics and pottery.

Relationship: directly related to public circulation, clean-up, glazing, and kiln area.

### Systems:

Lighting: daylight - indirect, adjustable spotlights.

Plumbing: not required

Mechanical: required with positive ventilation

Considerations: 230V elec., gas, spray booths, and damp storage.

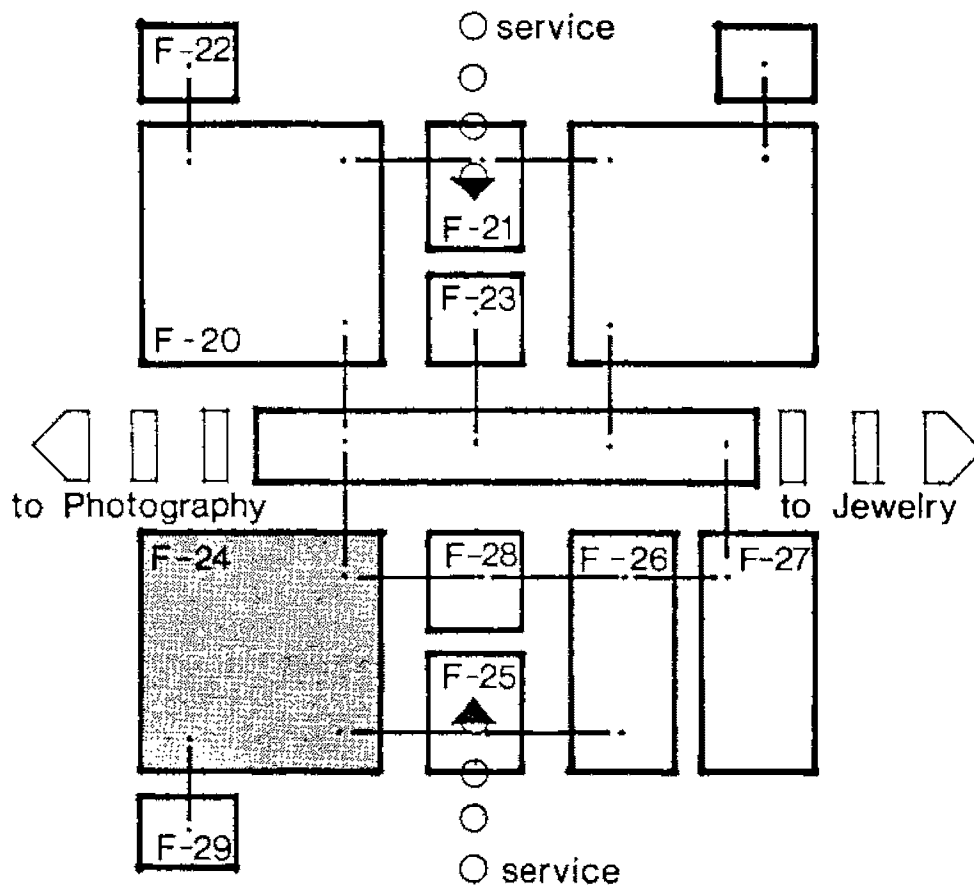
### Finishes:

Floor: tile - easy maintenance

Walls: GWB, exposed

Ceiling: exposed

Equipment: throwing wheels, wedging tables, cutting wire, storage bins, and clay mixer.



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Clean-Up

Square Feet - 360

Ceiling Height - arbitrary

Users: students, and faculty

Function: clean-up and storage area shared by all areas of the ceramic department.

Relationship: directly related to all areas of the ceramics department, should also be zoned for service

### Systems:

Lighting: direct fluorescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained.

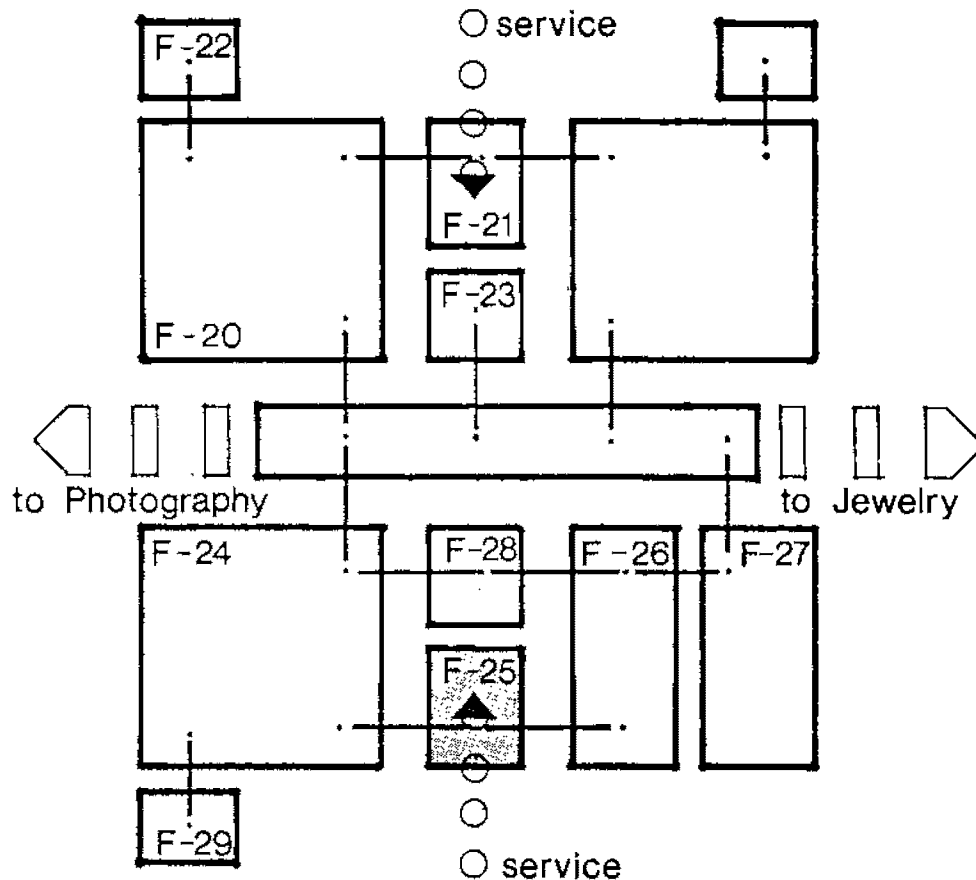
### Finishes:

Floor: tile

Walls: tile, GWB

Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat files, storage lockers for student's supplies



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Glazing

Square Feet - 720

Ceiling Height - arbitrary

Users: student, and faculty

Function: space for the instruction in the techniques of glazing in ceramics.

Relationship: directly related to throwing clean-up and kiln areas.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required with positive exhaust

Considerations: none

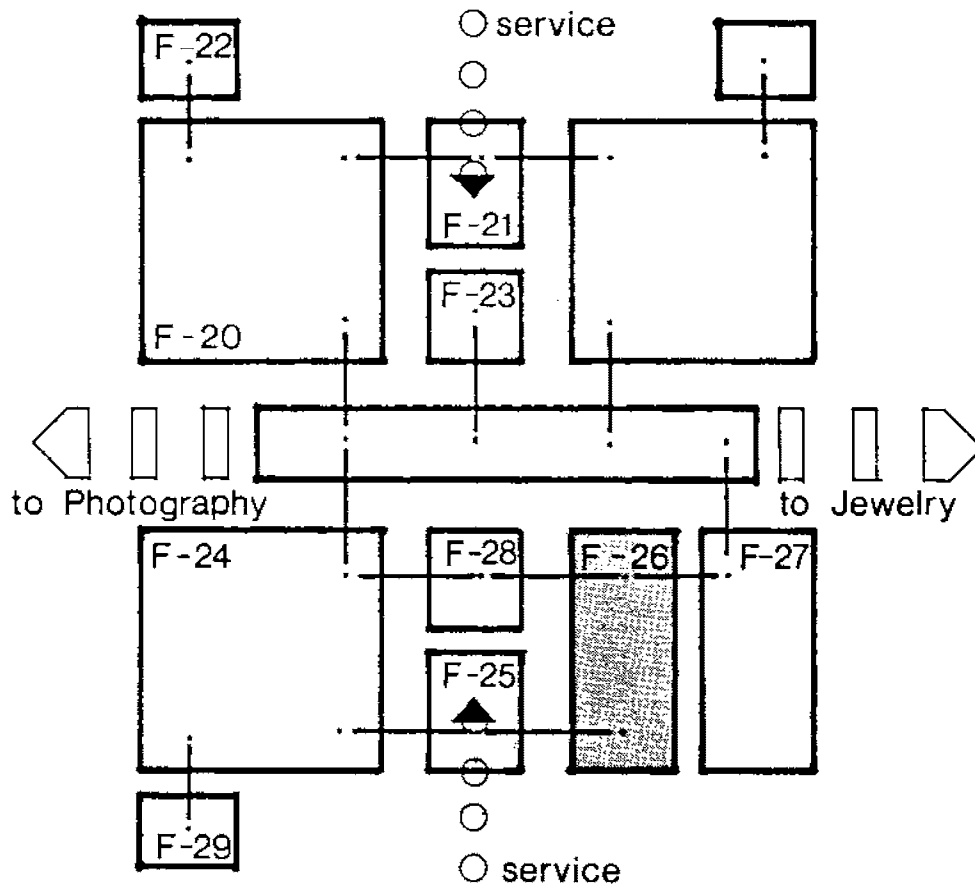
### Finishes:

Floor: tile

Walls: tile, GWB

Ceiling: exposed

Equipment: verticle green ware, bisque ware and glazed ware storage.



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Kiln Area

Square Feet - 720

Ceiling Height - arbitrary

Users: students and faculty

Function: to provide a safe and secure area for the firing of clay.

Relationship: directly related to glazing clean-up and throwing areas.

### Systems:

Lighting: daylight - indirect

Plumbing: required hose bibs.

Mechanical: required with positive exhaust stack for gas kiln.

Considerations: 208V elec. for kiln, entire kiln area should be fire-proofed

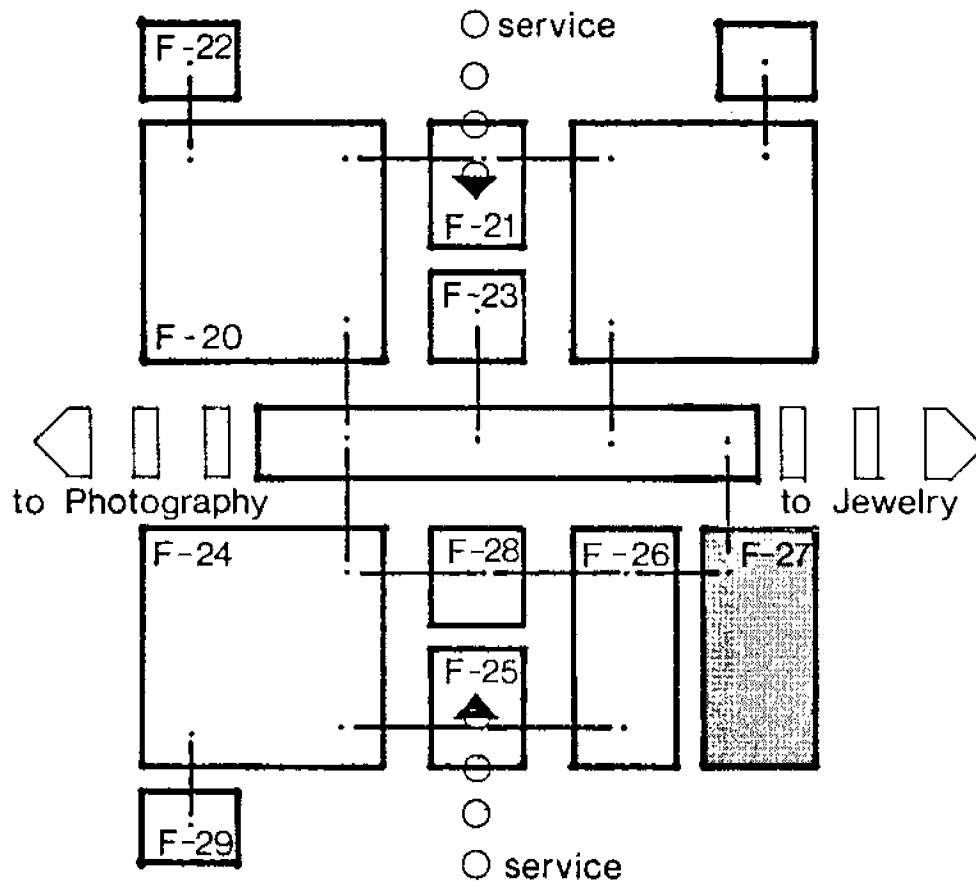
### Finishes:

Floor: tile - exposed concrete

Walls: tile, GWB

Ceiling: exposed

Equipment: 3 small elec. kilns, 3 small gas kilns, and 1 - 10' x 7' gas kiln



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Space: Exhibition

Square Feet - 240

Ceiling Height 12' to 14'

Users: all user groups

Function: space to display students work for public viewing in a more intimate setting, also small lecture areas.

Relationship: directly related to public circulation with secondary visual relationships to studios.

Systems:

Lighting: direct ceiling mounted lights and adj. spots.

Plumbing: not required

Mechanical: required

Considerations: informal space where public can see art in progress.

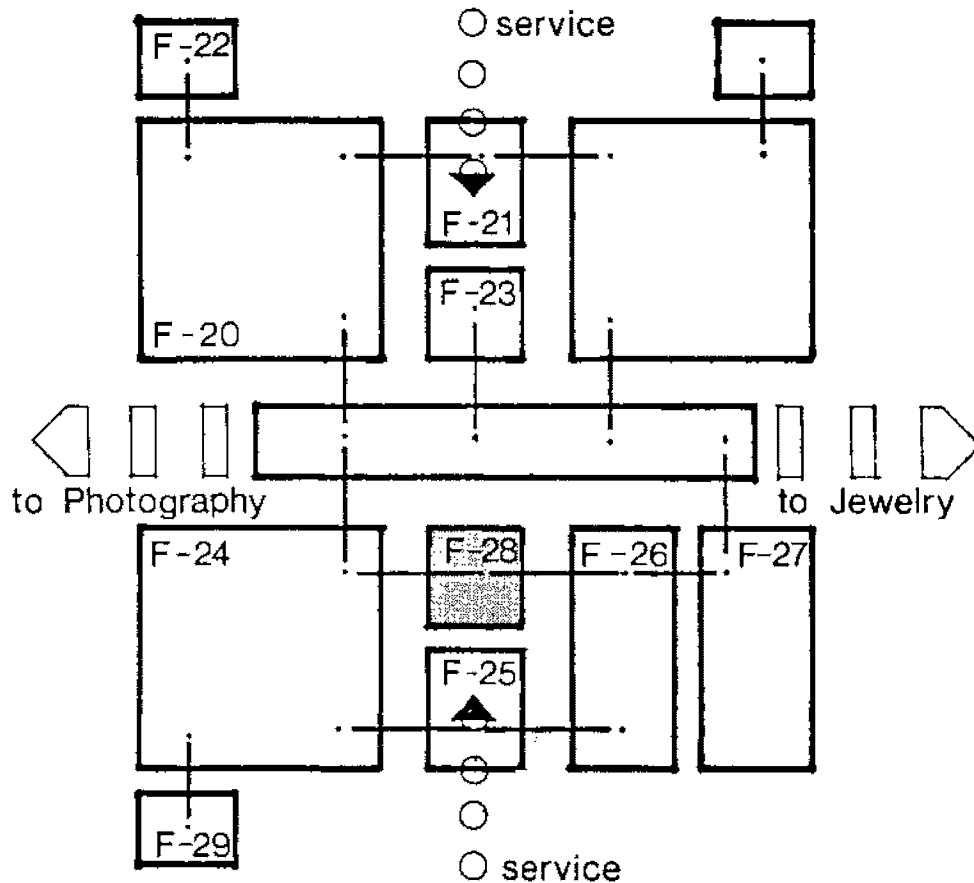
Finishes:

Floor: tile - carpet , varies

Walls: GWB movable partitions

Ceiling: acoustical tile

Equipment: movable partitions, lounge seating , and pottery display stands



## BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

# Space: Instructor's Studio

Square Feet - 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to ceramic areas.

## Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

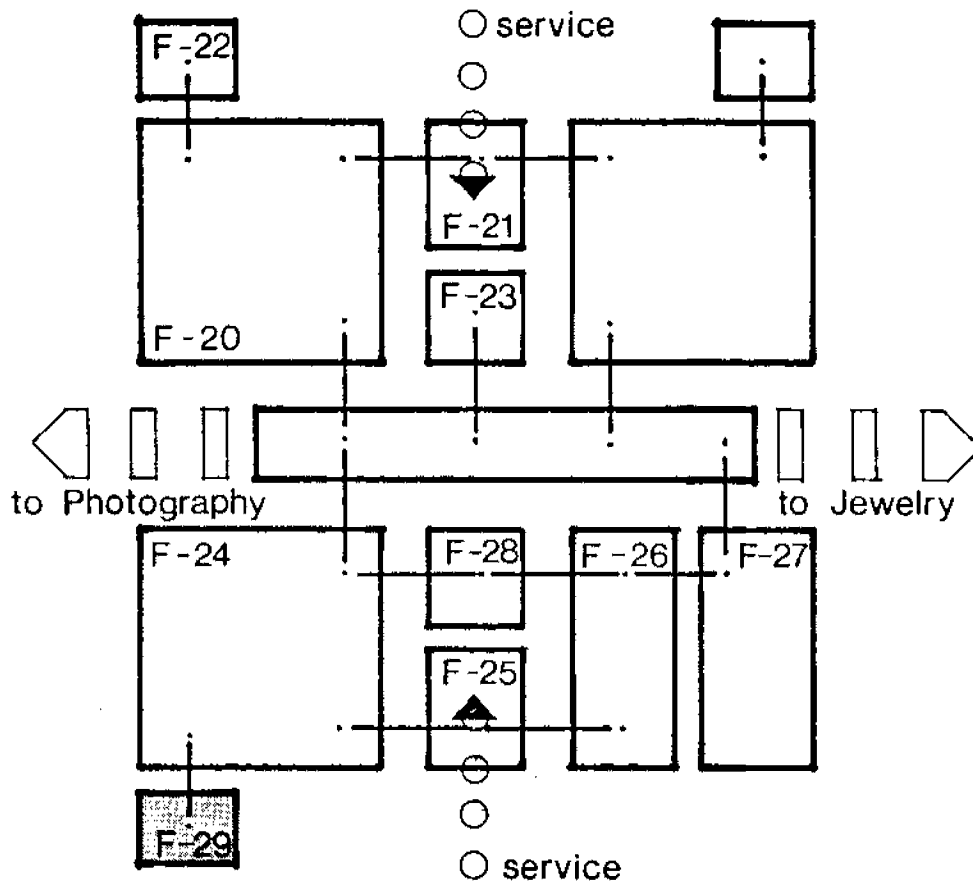
## Finishes:

Floor: tile - carpet , varies

Walls: GWB

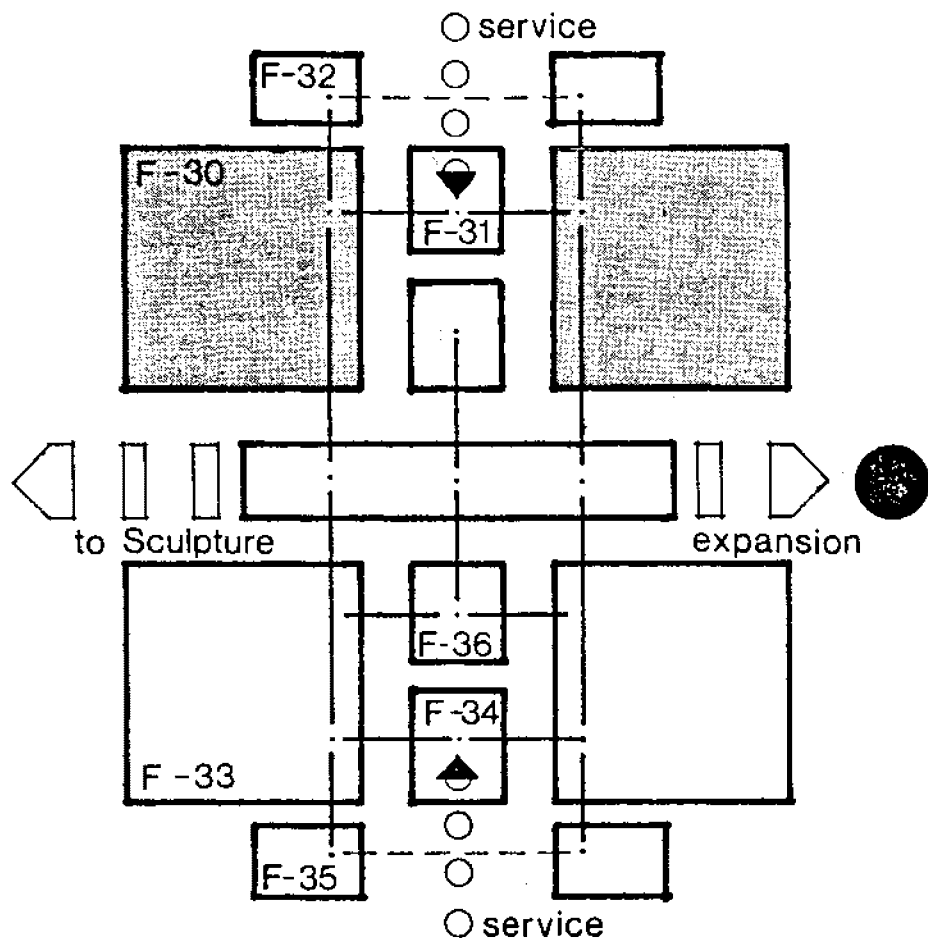
Ceiling: acoustical tile

Equipment: desk, lay tables, storage cabinet, clay stands.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Jewelry Studio

Square Feet - 2 @ 1400

Ceiling Height - 12' to 14'

Users: students, and faculty

Function: instruction in the art of jewelry making and enameling

Relationship: direct relationship to public circulation spine with commons support

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required with positive exhaust

Considerations: none

### Finishes:

Floor: tile, exposed

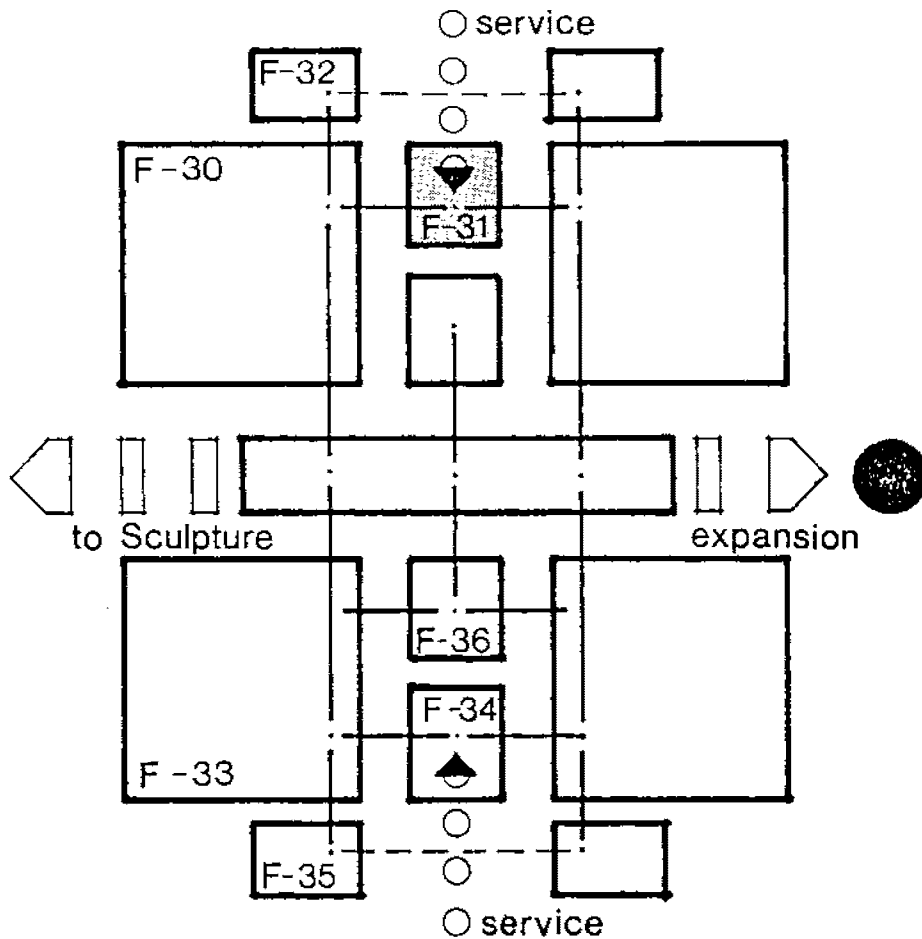
Walls: GWB, exposed

Ceiling: exposed

Equipment: work benches, polishing machine, sand bead blaster, drill press, grinding wheels.

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Clean - Up

Square Feet - 360

Ceiling Height - arbitrary

Users: students and faculty

Function: clean-up and storage area shared by both jewelry and enameling studios.

Relationship: directly related to both jewelry and enameling studios, should also be zoned for service

Systems:

Lighting: direct fluorescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained

Finishes:

Floor: tile

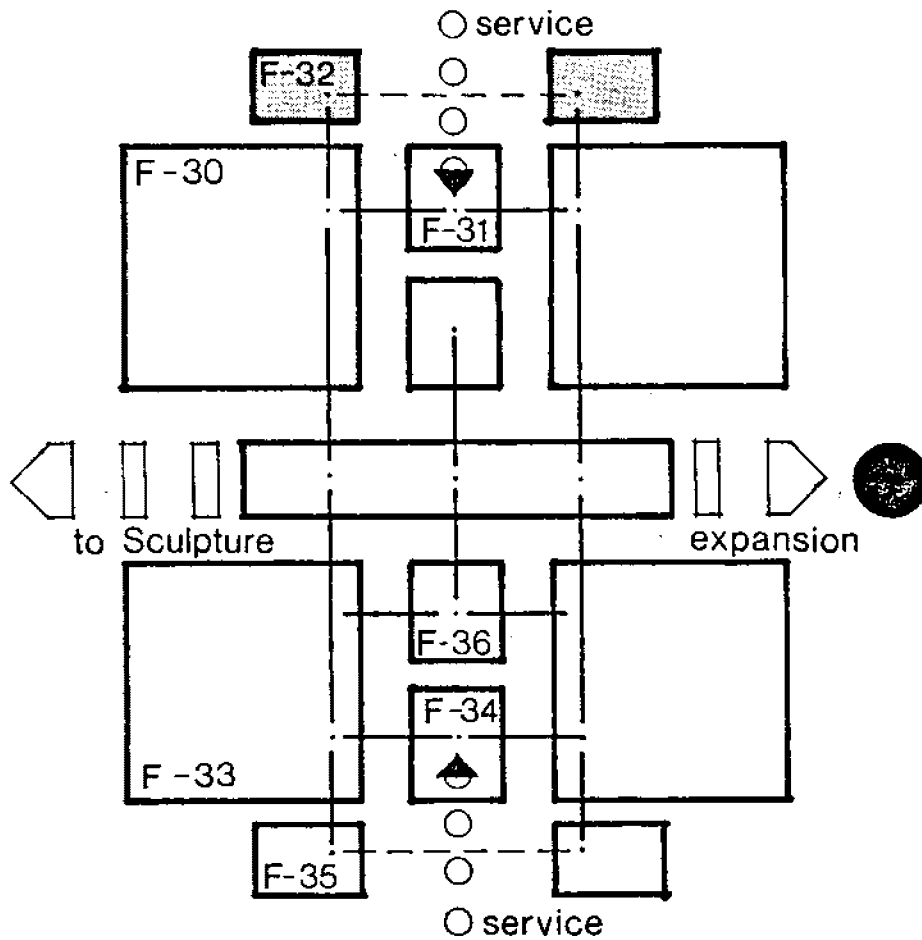
Walls: tile, GWB

Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat files, storage lockers for student's supplies

## BRIDGE FOR THE ARTS

T u l s a - O k l a h o m a



## Space: Instructor's Studio

Square Feet - 2 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty.

Relationship: related to jewelry studio and support.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

### Finishes:

Floor: tile - carpet, varies

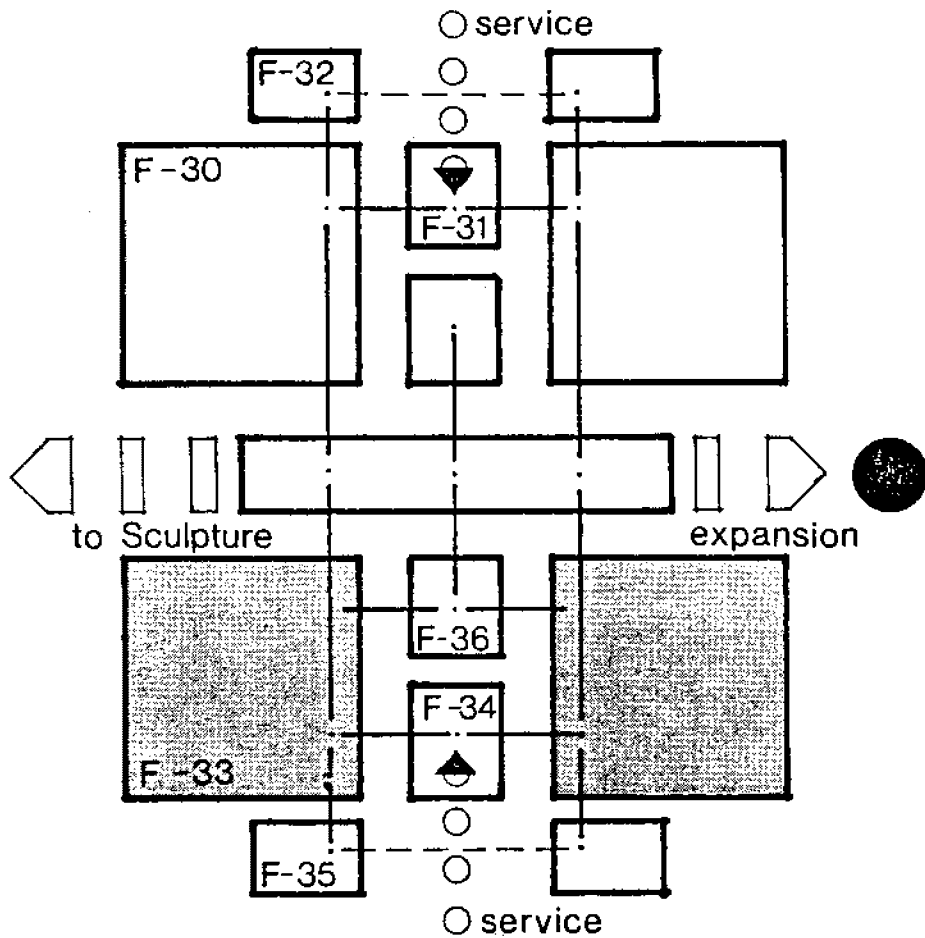
Walls: GWB

Ceiling: acoustical tile

Equipment: drawing table, storage cabinet lay tables, and cutting surface.

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



## Space: Textiles Studio

Square Feet - 2 @ 1400

Ceiling Height - 12' to 14'

Users: students and faculty

Function: for the instruction in the arts of weaving and textiles

Relationship: directly related to public circulation and support areas of the department.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: none

### Finishes:

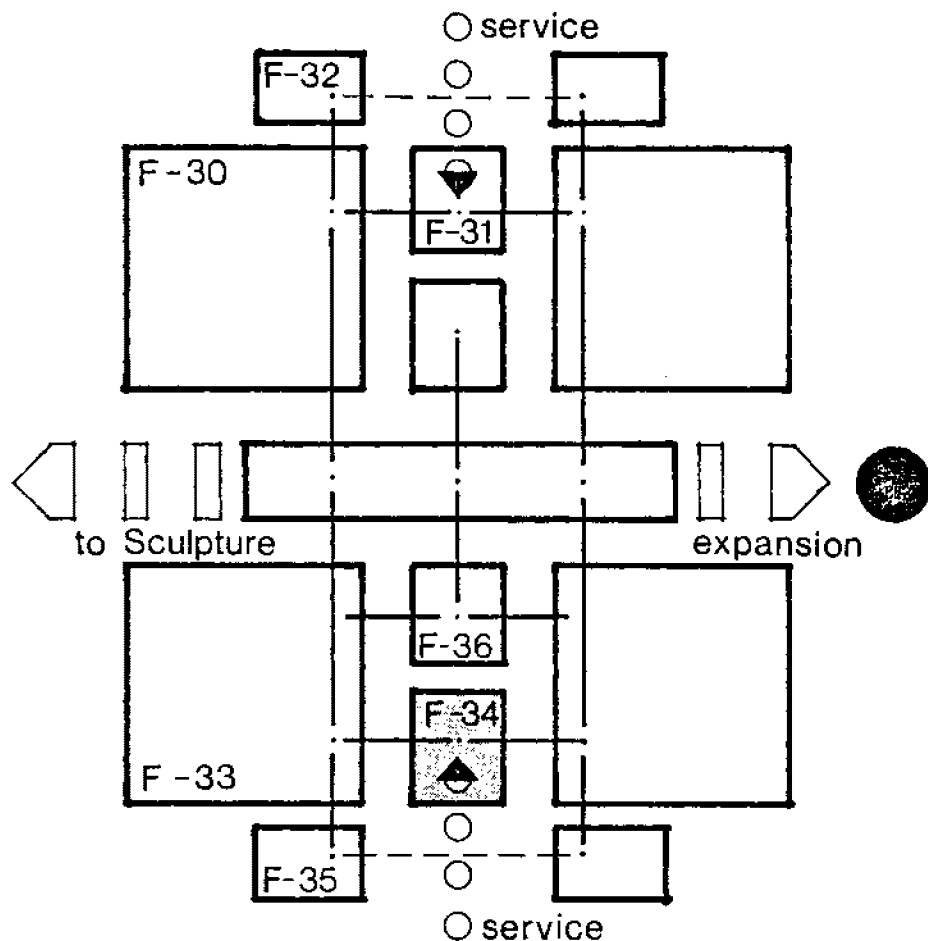
Floor: tile

Walls: GWB

Ceiling: exposed

Equipment: 4' x 4' looms, spinning wheels, dyeing area, felting area, warping boards and lay tables.

## BRIDGE FOR THE ARTS



## Space: Clean - Up

Square Feet - 360

Ceiling Height - arbitrary

Users: students, faculty

Function: clean-up and storage area shared by both weaving and textiles studios.

Relationship: directly related to both weaving and textiles studios, should also be soned for service

### Systems:

Lighting: direct flourescent

Plumbing: required for sinks

Mechanical: required

Considerations: materials should be easily maintained.

### Finishes:

Floor: tile

Walls: tile, GWB

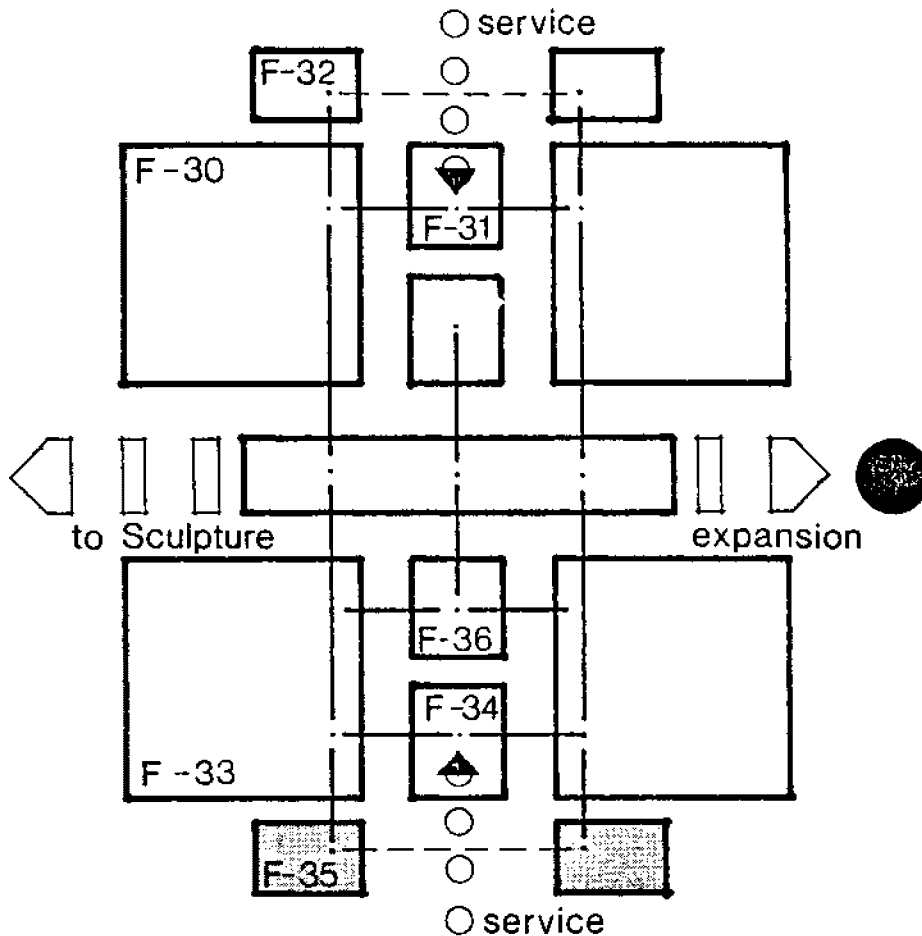
Ceiling: acoustical tile

Equipment: chemical proof sinks, storage cabinets, flat file, storage lockers for student's supplies.

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a





## Space: Instructor's Studio

Square Feet - 2 @ 160

Ceiling Height - arbitrary

Users: faculty

Function: to provide a private working studio and office for the faculty

Relationship: related to weaving and textiles studios.

### Systems:

Lighting: daylight - indirect

Plumbing: not required

Mechanical: required

Considerations: visual access to main studio

### Finishes:

Floor: tile, carpet - varies

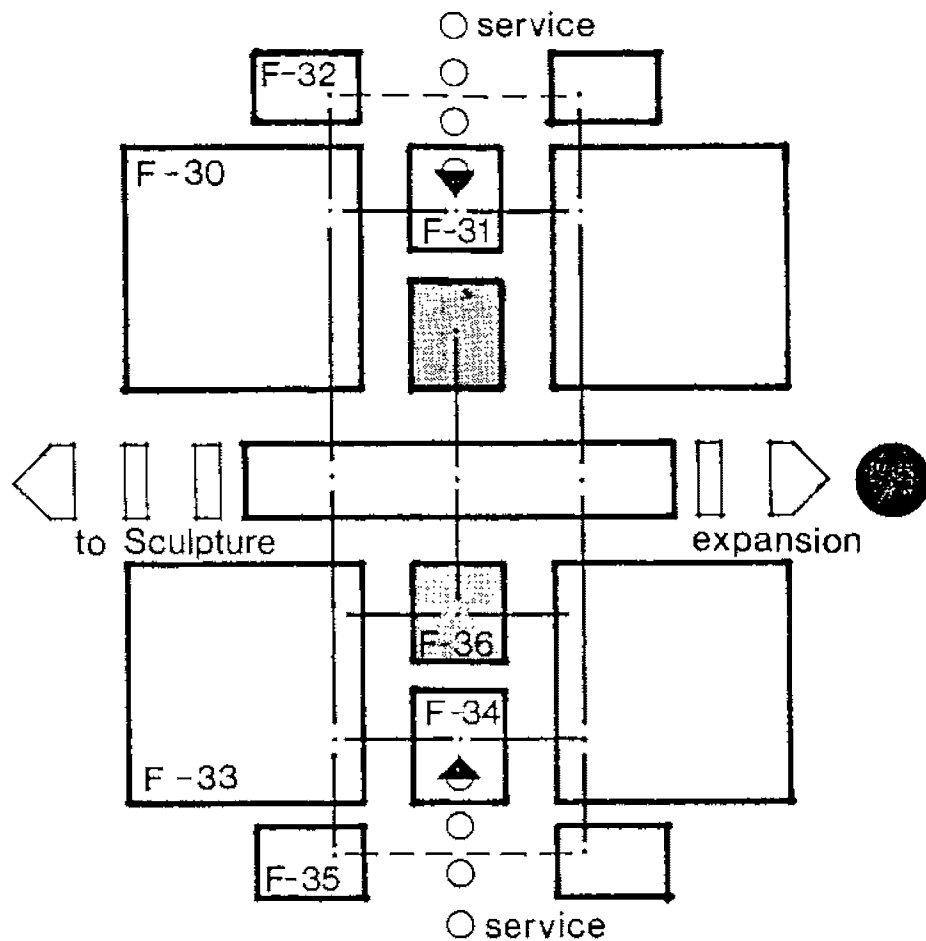
Walls: GWB

Ceiling: acoustical tile

Equipment: drawing table, storage cabinet, lay tables, loom, and spinning wheel.

## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a



Space: Exhibition

Square Feet - 2 @ 240

Ceiling Height - 12' to 14'

Users: all user groups

Function: space to display student work for public viewing in a more intimate setting, also small lecture areas.

Relationship: directly related public circulation with secondary visual relationships to studios.

Systems:

Lighting: direct ceiling mounted lights and adj. spots.

Plumbing: not required

Mechanical: required

Considerations: informal space where public can see art in progress.

Finishes:

Floor: tile, carpet - varies

Walls: GWB movable partitions

Ceiling: acoustical tile

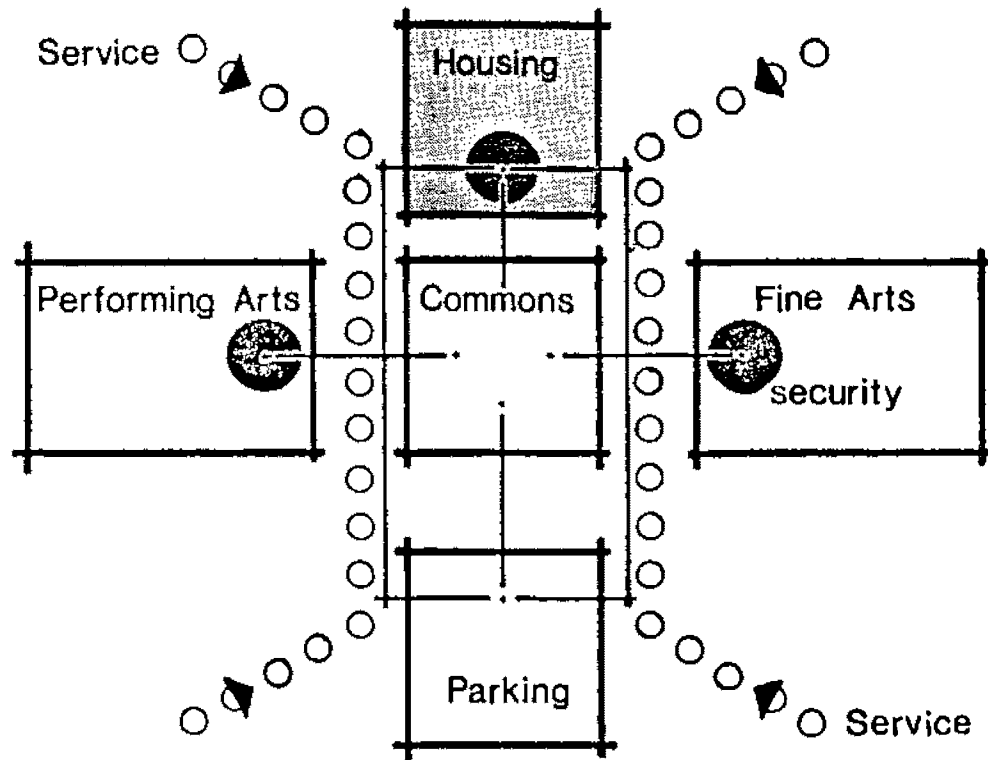
Equipment: movable partitions, lounge seating

BRIDGE FOR THE ARTS

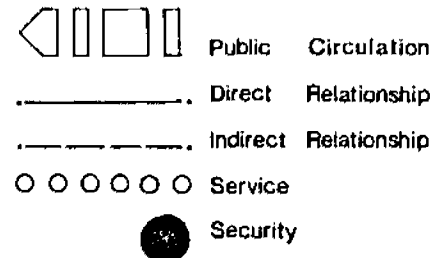
T u l s a O k l a h o m a

# HOUSING

THE HOUSING AREA will be provided for those faculty who have received a teaching sabbatical from the Arts and Humanities Council. Housing units will provide a one-bedroom studio apartment with common amenities such as lounge, housing commons, faculty lounge, and terrace. The Housing area should be restricted from the public as to provide privacy for the artists. This will also help to facilitate "off the job" socializing and interaction among the artists.



Relationship Index



## BRIDGE FOR THE ARTS

## Space: Living Units

Square Feet - 20 @ 800

Ceiling Height - arbitrary

Users: faculty

Function: to provide living space for the artist in residence, reflective of the quality and taste of the arts.

Relationship: 4 units grouped together to form a suite sharing 1 housing commons area. Units should be directly related to school common's lobby.

Systems:

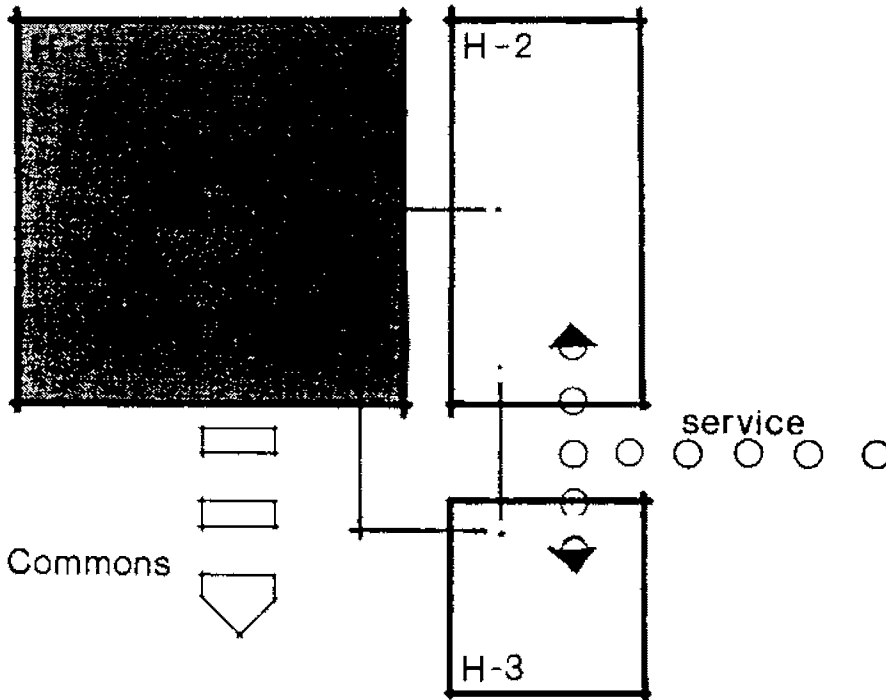
Lighting: daylight - indirect, special types  
Plumbing: required for baths, and kitchen.  
Mechanical: required

Considerations: units should be a 2 story studio layout with terrace.

Finishes:

Floor: tile , carpet - varies  
Walls: GWB  
Ceiling: GWB

Equipment: completely furnished



BRIDGE FOR THE ARTS

T u l s a , O k l a h o m a

## Space: Faculty Lounge

Square Feet - 1600

Ceiling Height - arbitrary

Users: faculty

**Function:** to provide a common space for interaction and relaxation away from the intensity of the school.

**Relationship:** directly related to housing area. also zoned for service.

**Systems:**

Lighting: special types, wall washers, small down lights.

Plumbing: required for bar, restrooms, and bar back-up.

Mechanical: required

**Considerations:** exterior terrace

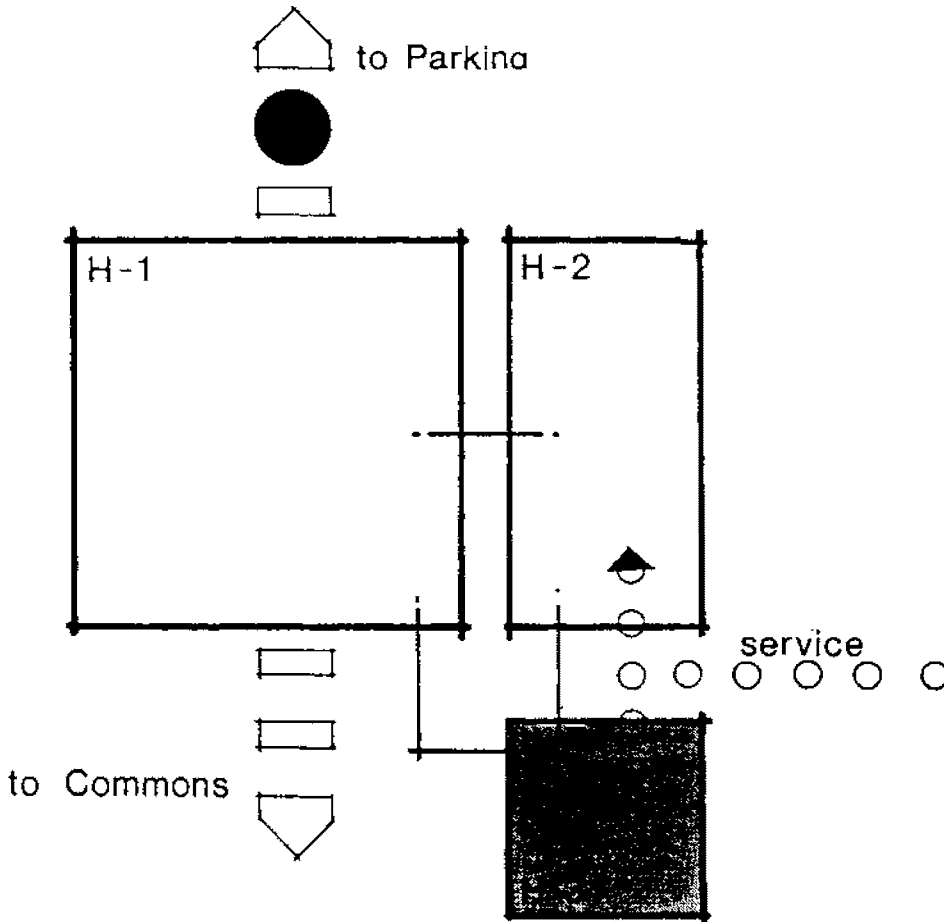
**Finishes:**

Floor: carpet, tile - varies

Walls: GWB

Ceiling: GWB - acoustical tile

**Equipment:** complete bar set-up, lounge furniture, small kitchen prep area.



## BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# GROSS BUILDING AREA

SPACE COMPONENT	%	SQ. FT.
Assigned Space		
Commons Area	6	8,880
Performing Arts	20	32,920
Fine Arts	20	35,260
Housing	11	18,400
<b>Total</b>	<b>57</b>	<b>95,460</b>

Unassigned Space		
Circulation	24	43,592
Mechanical	8	14,532
Walls , Stucture	95	17,255
Janitor's Closets	05	908
Unassigned Storage	1	1,816
<b>Total</b>	<b>43</b>	<b>78,103</b>

GROSS BUILDING AREA 173,563

Making a val judgement regarding the quality of t art facility, the client has requeste a building of grand scale with an effi ency ratio of 57% assigned space to 43% nassigned space.

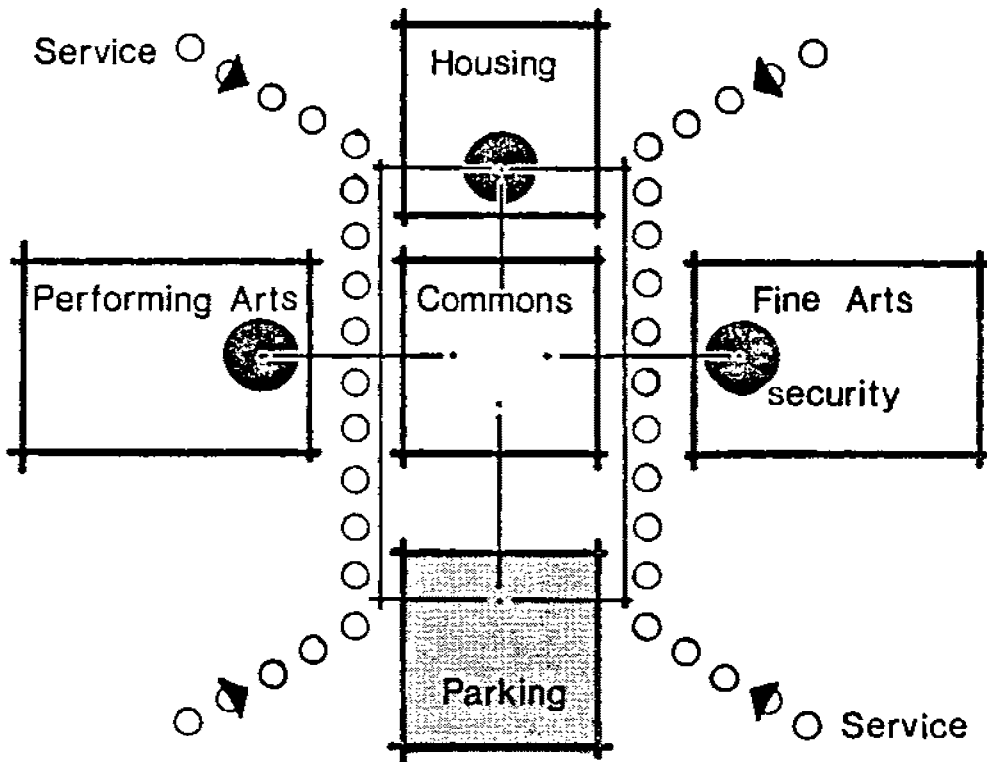
BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

# PARKING REQUIREMENTS

Parking requirements for the Bridge For The Arts will be as follows:

- 240 - 9' x 20' parking spaces
- 2 - 10' x 30' loading berths



BRIDGE FOR THE ARTS

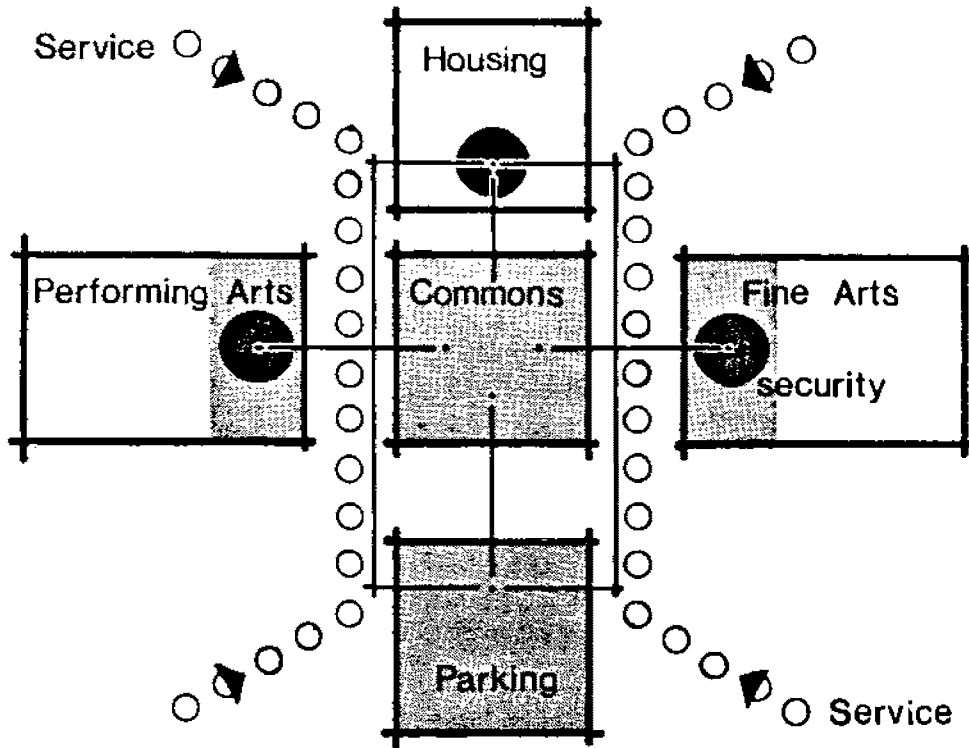
T u l s a   O k l a h o m a

PROJECT PHASING

BRIDGE FOR THE ARTS



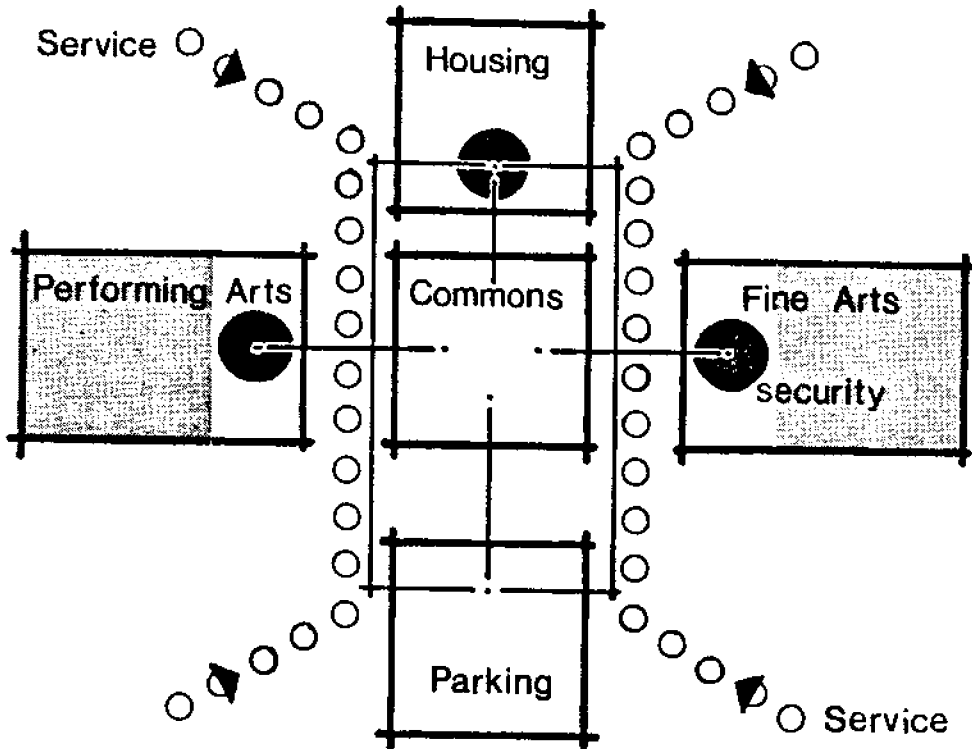
Phase 1 of construction, scheduled to begin in 1987, will provide administrative offices for the Arts and Humanities Council, a 1000 seat community theatre, and public exhibition space for the display of modern art created in the Tulsa Region.



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

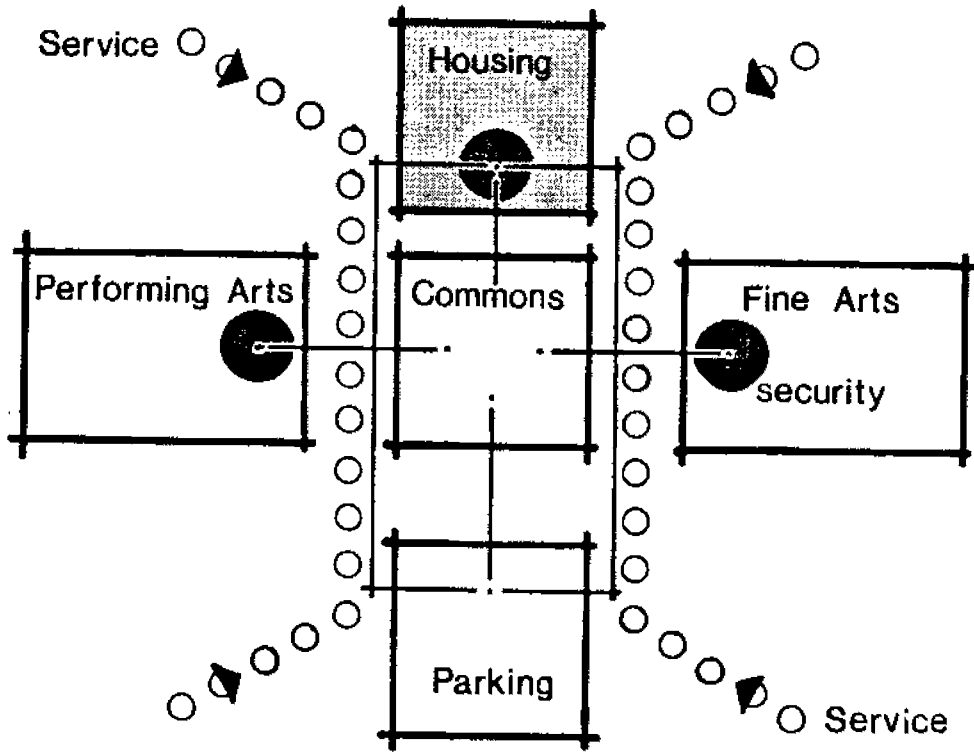
Phase 2 of construction, scheduled to begin in 1990, will provide classrooms and studio space for both the Performing Arts (music, theatre, ballet) and Fine Arts (painting, drawing, photography, sculpture, ceramics, weaving, and textiles).



BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

Phase 3 of construction, scheduled to begin 1993, will provide housing for the "artist in residence."



BRIDGE FOR THE ARTS

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BRIDGE FOR THE ARTS

T u l s a   O k l a h o m a

## Cost Estimate Analysis

A . Building Cost	69,087 S.F. at \$102.00/S.F.	\$7,046,874
B . Fixed Equipment	( 20% of A )	1,409,374
C . Site Development	( 5 % of A )	352,343
D . Total Construction	( A + B + C )	\$8,808,591
E . Site Aquisition	N/A	N/A
F . Movable Equipment	( 10 % of A )	704,687
G . Professional Fees	( 6.5 % of D )	572,558
H . Contingencies	( 10 % of D )	880,859
J . Administrative Costs	( 1 % of D )	88,085
K . Total Budget Required	( D & E thru J )	\$11,054,780

Cost estimates for Phase 1 of construction, scheduled to begin in 1987 were derived from the Means Building System Cost Guide for 1982. Cost per square foot in 1982 for a facility such as the Bridge For The Arts was found to be \$80.00 per square foot. This amount was adjusted by an annual 7.1% increase in construction cost to the year 1987. This annual percent increase was derived from an average of the construction cost increases from the years 1975 - 1982. Also taken into consideration were site location and cost index factor.

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BRIDGE FOR THE ARTS

T u l s a O k l a h o m a

## Cost Estimate Analysis

A . Building Cost	64,350 S.F. at \$125.00/S.F.	\$8,043,750
B . Fixed Equipment	( 20% of A )	1,608,750
C . Site Development	( 5% of A )	402,187
D . Total Construction	( A + B + C )	\$10,054,687
E . Site Aquisition	N / A	N / A
F . Movable Equipment	( 10% of A )	804,375
G . Professional Fees	( 6.4% of D )	643,499
H . Contingencies	( 12% of D )	1,206,562
J . Administrative Costs	( 1% of D )	100,546
K . Total Budget Required	( D & E thru J )	\$12,809,669

Cost estimates for Phase 2 of construction, scheduled to begin in 1990 were derived from the Means Building System Cost Guide for 1982. Cost per square foot in 1982 for a facility such as the Gridge For The Arts was found to be \$80.00 per square foot. This amount was adjusted by an annual 7.1% increase in construction cost to the year 1990. This annual percent increase was derived from an average of the construction cost increases from the years 1975 - 1982. Also taken into consideration were site location and cost index factor.

BRIDGE FOR THE ARTS

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## Cost Estimate Analysis

A . Building Cost	32,280 S.F. at \$95.00/S.F.	\$3,066,600
B . Fixed Equipment	( 10 % of A )	306,660
C . Site Development	( 5 % of A )	153,330
D . Total Construction	( A + B + C )	\$3,526,590
E . Site Aquisition	N/A	N/A
F . Movable Equipment	( 5 % of A )	153,330
G . Professional Fees	( 6.5 % of D )	229,228
H . Contingencies	( 14 % of D )	493,722
J . Administrative Costs	( 1 % of D )	35,265
K . Total Budget Required	( D & E thru J )	\$4,438,135

Cost estimates for Phase 3 of construction, scheduled to begin in 1993 were derived from the Means Building System Cost Guide for 1982. Cost per square foot in 1982 for a facility such as the Bridge For The Arts was found to be \$50.00 per square foot. This difference in cost from previous phases lies in the fact that Phase 3 is made up of primarily housing which has a smaller cost per square foot. The amount of \$50.00 per square foot was adjusted by an annual 7.1% increase in construction cost to the year 1993. This annual percent increase was derived from an average of the construction cost increases from the years 1975 - 1982. Also taken into consideration were site location and cost index factor.

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GOALS AND CONCEPTS

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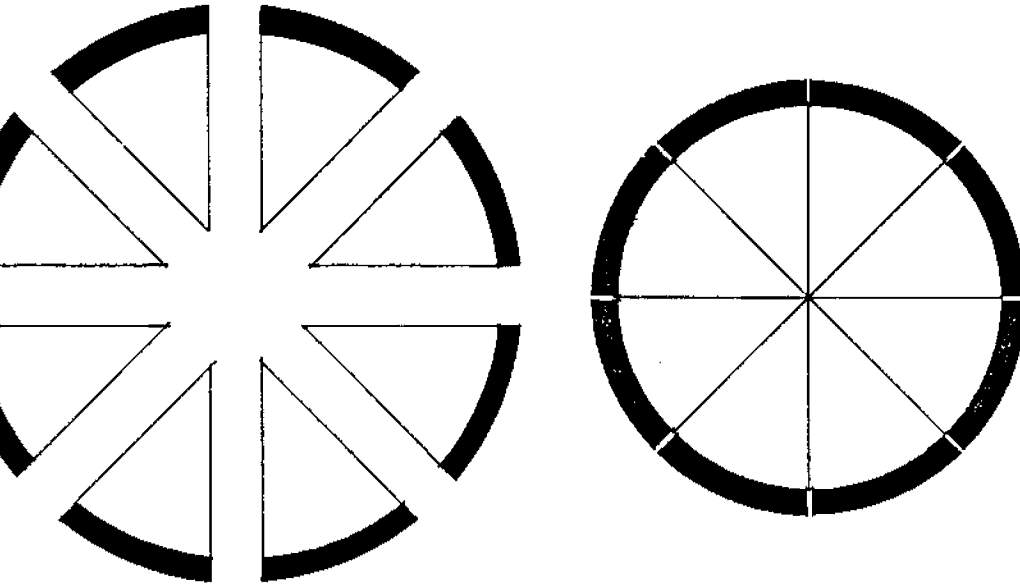
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# FUNCTION

## CENTRALIZATION

GOAL: to provide a common facility that unites and strengthens the various arts programs of Tulsa.

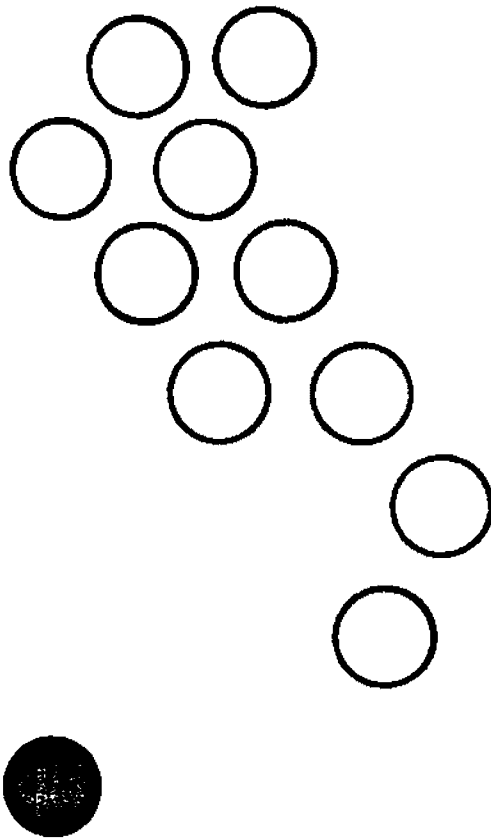
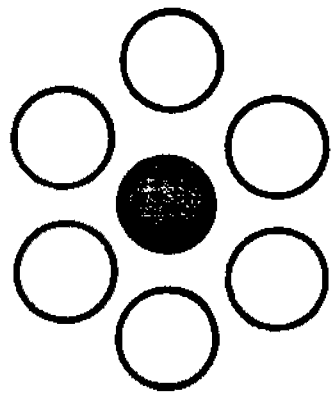


## SERVICE GROUPING

CONCEPT: to consolidate the different arts programs of Tulsa into a single structure.

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## IDENTITY

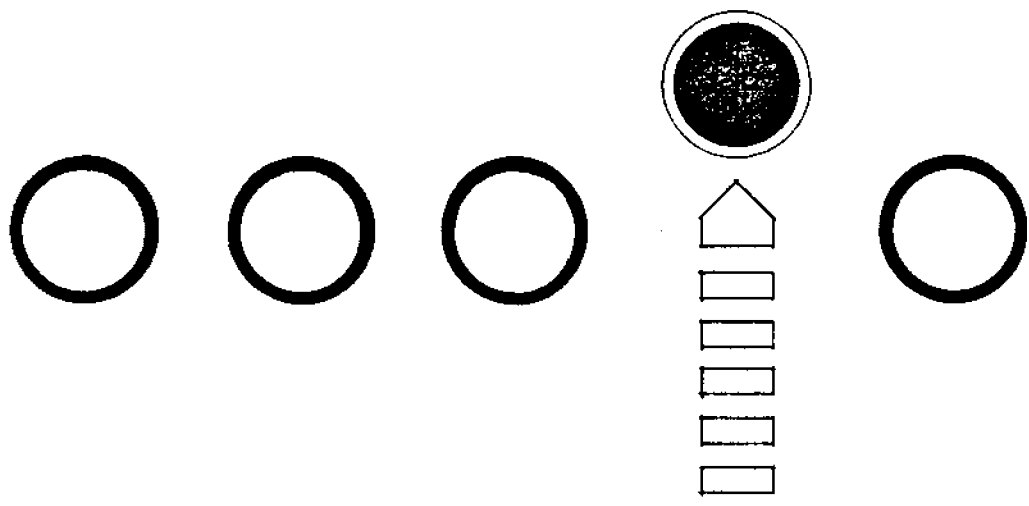
GOAL: identity among the different arts studios is important to establish a sense of place within the whole.

## PEOPLE GROUPING

CONCEPT: enhancing the physical, social, and emotional characteristics of the students, faculty, and community as individuals, small groups, or large groups.

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**HIERARCHY**

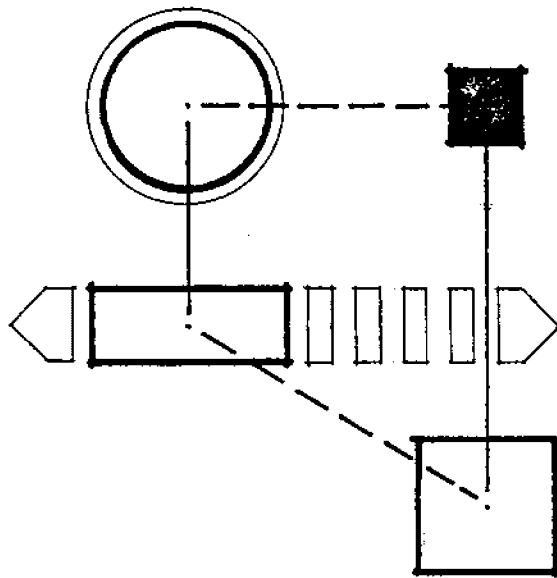
GOAL: the student's education is always the major priority of the school.

**PRIORITY**

CONCEPT: the needs of the arts students take first priority, then followed by the faculty, community, and administration.

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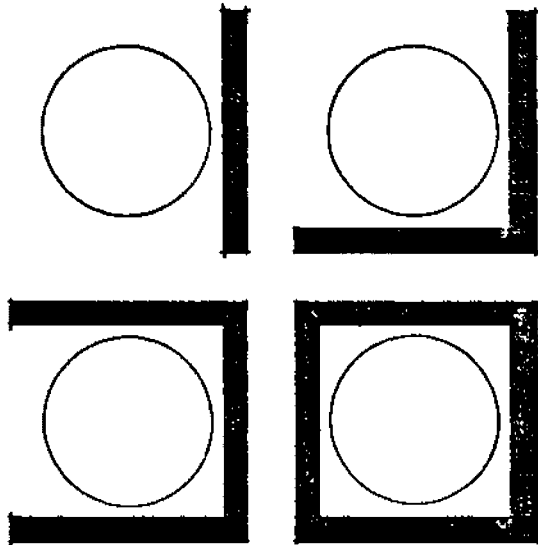
## RELATIONSHIP

GOAL: relationships between individual studios organized in such a manner as to facilitate functional and effectiveness of students, faculty, and community, and their educational process.

CONCEPT: the correct interrelationships of spaces promotes efficiency and effectiveness of people and their activities.

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## SECURITY - FLEXIBILITY

GOAL: security handled in such a manner as to facilitate a flexible use of studio space, yet to provide certain zones of maximum security.

## SECURITY CONTROL

CONCEPT: provide individual security control points for the different functions of the building, creating a flexible framework of control.

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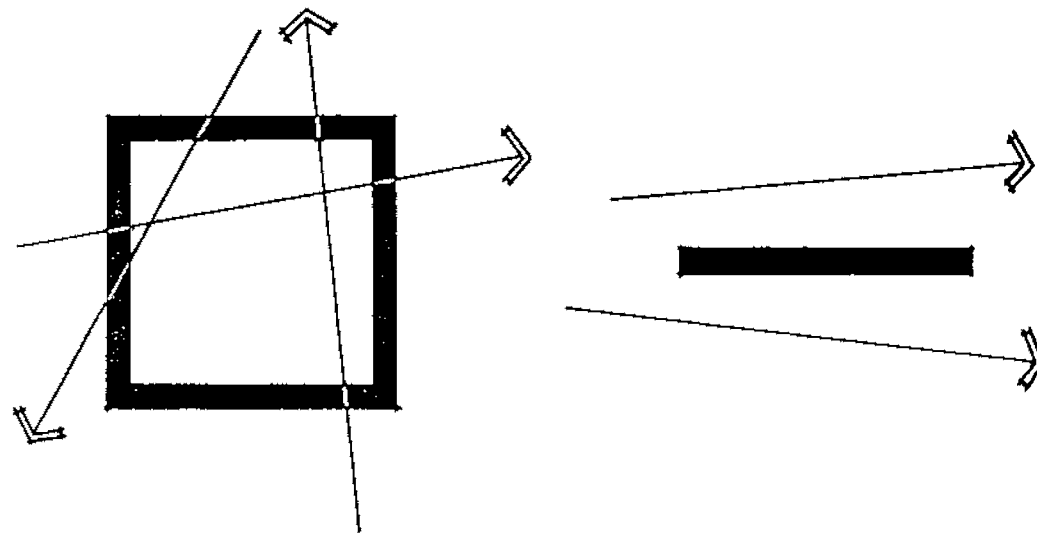
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## MIXED FLOW

GOAL: to provide interaction between the various arts programs is essential to the success of the school. Interaction between students and community is important to both student growth and community interest, yet privacy should be established for the individual identity of the student.

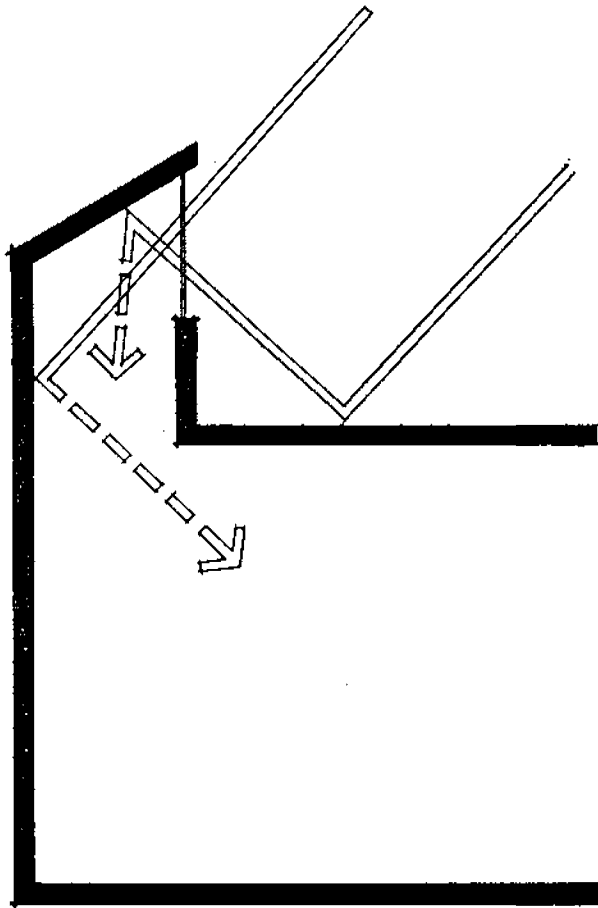
## SEPERATED FLOW

CONCEPT: common spaces such as lobbies and lounges designed for multi-purpose, multidirectional traffic to promote planned or chance encounters. Seperate traffic lanes and entries should be considered to provide segregation of certain conflicting functions.



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# FORM



## ENERGY

GOAL: passive energy design used as possible form giving criteria.

CONCEPT: natural daylighting, thermal heat gain, and thermal heat loss.

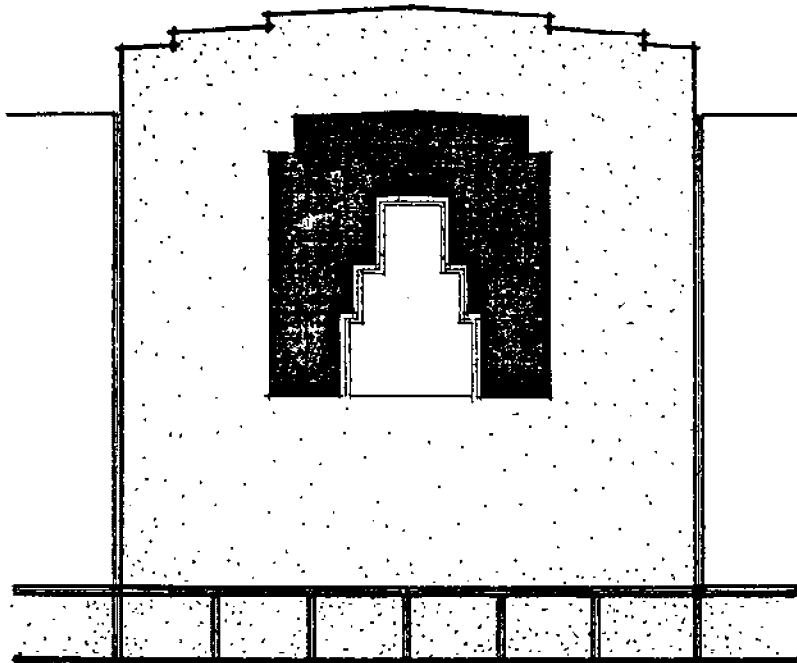
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## PRESERVATION

GOAL: compliment or contrast the existing structure design and detail by means of function, form, and materials.

CONCEPT: sensitivity between new and old whether complimentary or contradictory.

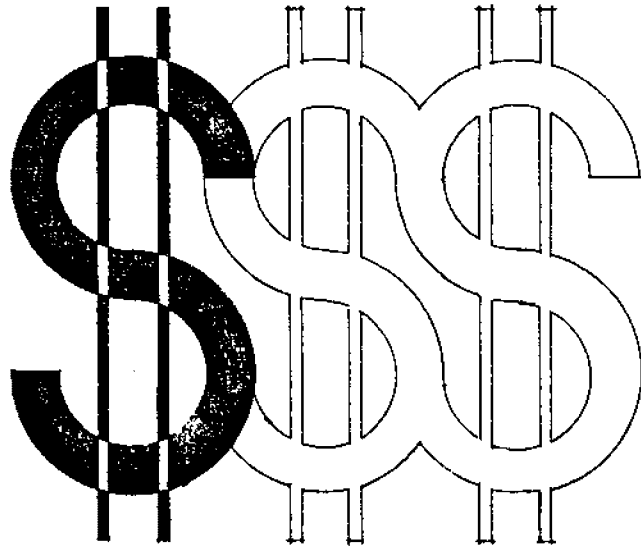


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# ECONOMY



## FUNDING

GOAL: To construct a high quality building with money that is readily available.

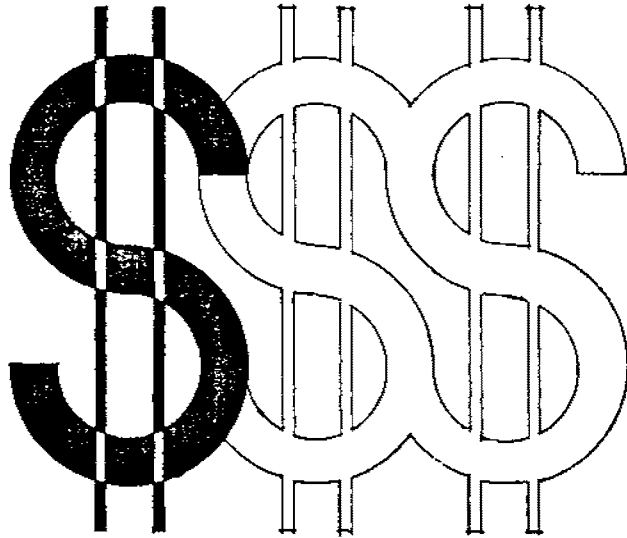
## PHASING

CONCEPT: Construction done in three phases to best administer funding as it comes available.

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## COST

GOAL: To minimize maintenance cost.

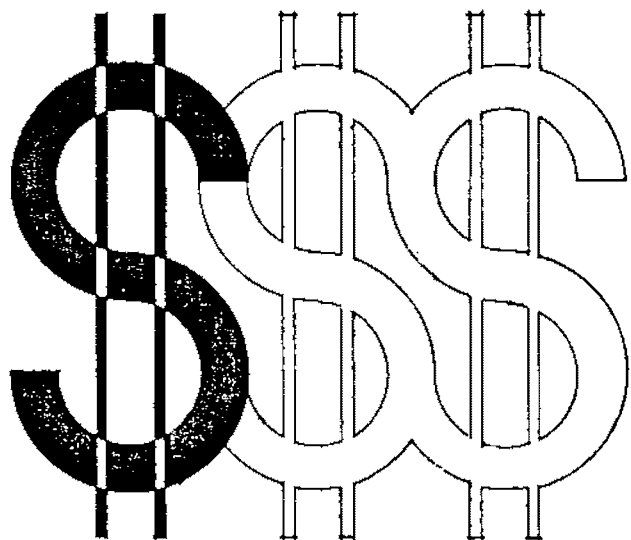
## MATERIALS

CONCEPT: Design considerations should take into effect building materials which require a minimum of maintenance, especially in the studio.

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## COST

GOAL: To minimize operational costs.

## PASSIVE ENERGY

CONCEPT: Environmental controls systems and orientation of building should be sympathetic to requirements for passive energy design. Daylighting will be mandatory in studio space. Considerations should be given to other passive energy techniques.

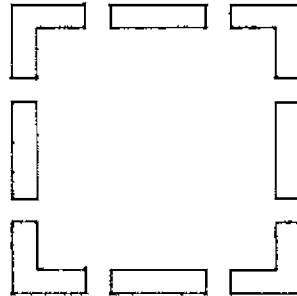
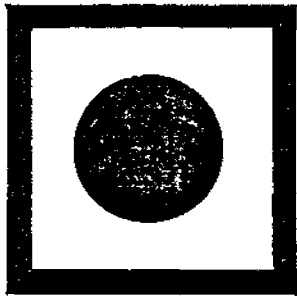
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# TIME

## PHASING

GOAL: Effective phasing in building construction.

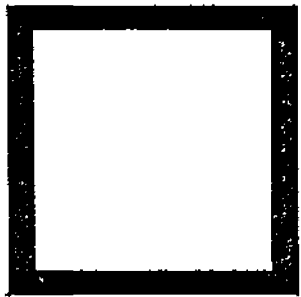


## OCCUPANCY

CONCEPT: Design each phase so that it can be occupied during the construction of each additional phase.

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## FUTURE

GOAL: Provide for the future changes in equipment or instructional techniques.

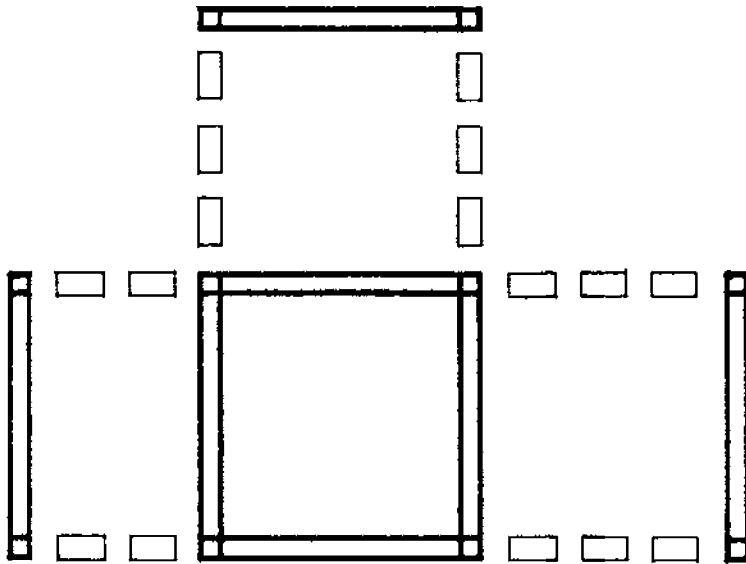
## ADAPTABILITY

CONCEPT: Make provisions in design that can readily adapt as art forms and instructional methods change.

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## EXPANSION

GOAL: Provide for future expansion as a result of increased interest, awareness, and funding of art programs in the community.

## SYSTEMS

CONCEPT: Investigate structural and mechanical systems which will facilitate expansion both vertically and horizontally.

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PROBLEM STATEMENTS

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# FUNCTION

Since the arts programs of Tulsa are decentralized throughout the city, consideration should be given to the functional relationships between the arts studios and commons areas in order to facilitate exposure and awareness between private and public, yet maintaining a sense of privacy for the creative process.

Because of the value of art material, equipment, student work, and most of all exhibited work; special consideration should be given the security systems in order to promote security for exhibited space, yet flexibility for studio space.

Studios should be designed in such a manner as to facilitate maximum exposure and interaction between students and instructors. ie.....OPEN PLANNING, low partition walls creating no visual barriers.

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# FORM

The existing historic structure must be preserved and intergrated as a functional "link" in the new "Bridge for the Arts."

Natural daylighting should be a major priority in the design of the studio and circulation spaces, and should be reflected in the form.

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## ECONOMY

Materials and finishes should be utilized in such a manner to minimize maintenance cost.

Passive energy systems should be a major consideration in order to minimize operating costs.

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## TIME

Since the facility will be constructed in 3 phases, special consideration should be taken to insure that each phase provides a functional unit upon its completion.

Because the creative process involved in art is always changing due to new techniques, philosophies, and expressions, provisions should be made to facilitate future expansion through adaptation and expansion.

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