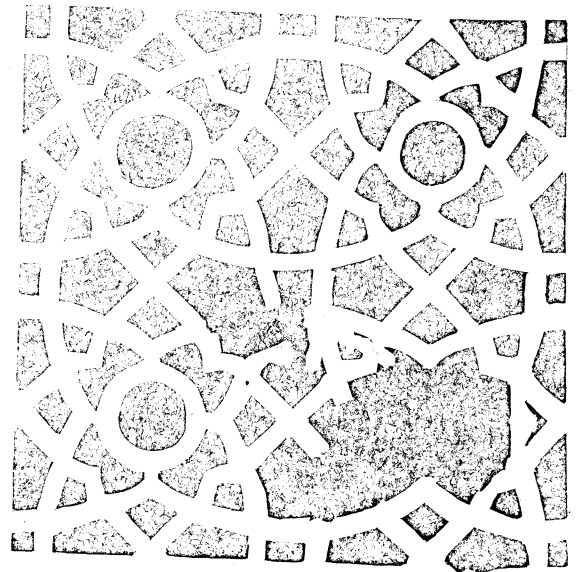


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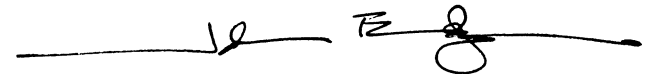


a thesis proposal

john edgar

oklahoma state university

This program is a personal effort to define an attitude which I hope will direct my future as an architect, as a husband, and as a person. It is the result of many, many experiences throughout a long academic career to which I owe most to my wife, Becky, and to my parents whose unending support helped keep things in correct perspective.

A handwritten signature in black ink, appearing to read "John Edgar", is written over a horizontal line. The signature is stylized, with a large "J" and "E" and a circular flourish at the end.

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THOUGHTS

To study architecture is to study people - their religions, art, music, lifestyles. Mathias Ungers points out; "man is more than a functional being, more than a 'user'", and understanding the human element of a particular place gives the architect a unique tool in interpreting needs beyond the client's building program. It is an effort to integrate socially responsive decisions into design - to know meanings, reasons, images, aspirations. It is an attitude, a frame of mind which the architect, as person, must apply to the decision making process as a checks-and-balances mechanism. Socially responsive design addresses architecture from the point of view of those who use it, walk past it, see it from a distance, as well as those who fund it.

Vitruvius first recognized the needs of social environment when he expressed buildings as "containers of diverse human purposefulness that strongly influence how people live and societies operate." In this view buildings not only serve a functional purpose but also serve as a signature of cultural

identity. They are derived from and express the aspirations of the times. Louis Sullivan writes, "words hold only that which is imparted to them and are vital only when those who use them vitalize them." The built environment, then, only holds symbolic importance when those who use it perceive it as such. And, given that significant architecture can only be derived from the forces within a society, it is essential that the architect know and understand the social environment in which he builds. The implications of one's designs extends beyond the physical manifestation of an idea. It involves every aspect of the physical and psychological place in which it exists--the 'genius loci' of Norberg Schulz. This concept is based on the premise that any human action has a spatial aspect and that the physical environment projects an image which collectively becomes part of the social fabric. Given that individual perceptions are derived from cultural experiences, the architecture that defines our environment also shapes our perceptions. Hence, it becomes a matter of understanding the meanings of those forms, spaces, elements, colors,

that shape human perception. This understanding of the 'genius loci' is the missing element in studio design.

WALTER GROPIUS

My idea of the architect as coordinator whose business it is to unify the various formal, technical, social and economic problems that arise in connection with building, inevitably led me on, step by step, from study of function of the house to that of the street; from the street to the town; and finally to the still vaster implications of regional and national planning.

It is ironic that in theory most architectural movements of this century begin with social environment in mind--the Bauhaus' handling of technology and society, Leon Krier's 'social interaction and service of needs', Mathias Unger's 'architecture as theme', Aldo Rossi's 'architect as intellectual'-- but when passed into the daily working environment, each has been diluted

into obscurity, or, as David H. Bell says; "lost in the pluralist miasma of capitalism". Regardless of philosophic intent, the built environment is still subject to a proliferation of object architecture according to this or that dogma; his or her ego.

The ultimate failure of both 'Modernism' and its reactionary offspring 'isms' is that each demands, in the case of the former, a new homogeneity based on a technologically advancing society; and the latter, a return to a more homogeneous past. Perhaps the Modern movement did interpret the coming technological age with an expressive sympathy and perhaps Post Modernism is trying to reinterpret past successes in a fresh light, but both miss the point. Contemporary society is anything but homogeneous; anything but utopian--that's the very reason its worth living in.

What contemporary architects have yet to realize (or have yet to be taught) is that spirit of place merely superficially exists in buildings. It exists in the people who

experience it and carry with them the images of the genius loci. This concern for total design is essentially the responsibility of the architect/coordinator and involves knowledge of human behavior not now a part of design. Dr. Sharon Sutton, University of Michigan, urges that only when behavioral studies are integrated into studio design will students be able to address contemporary human needs in more than a rhetorical, intuitive fashion. When used as a design tool, behavioral responses can be anticipated and manipulated in such a way as to more responsibly balance the sometimes counter concerns of client and public--regardless of the architect's particular dogma.

So yes...Architecture is art, and yes...form does follow function. But if architecture does not address me the user, me the passer-by, and me, member of society, then it is merely building and only adds to the miasm.

PROPOSAL

THERE WAS A CHILD WENT FORTH EVERY DAY;

AND THE FIRST OBJECT HE LOOKED UPON,

THAT OBJECT HE BECAME.

AND THAT OBJECT BECAME PART OF HIM FOR THE DAY,

OR A CERTAIN PART OF THE DAY,

OR FOR MANY YEARS,

OR FOR STRETCHING CYCLES OF YEARS.

A THESIS PROPOSAL

The following represents background research for my thesis proposal, the Center for Middle Eastern Studies at the University of Texas at Austin. Based on the open guidelines of the King Fahd Award for Research and Design in Islamic Architecture, I sought to develop a project of both social and architectural relevance. I wished to explore some personally untested feelings about socially responsive design. At first the project was the vehicle through which I could focus a rather broad academic background onto a single topic, but it quickly grew to be much more. I found that there is something inherently cohesive in Islamic Architecture that unites a widely disjointed set of cultures. That is, except for some obviously imported mega-projects, Islamic architecture still remains essentially user oriented. It retains this aspect through unending variations, all developed with indigenous regional character. Everything has meaning, is symbolic of place and enduring in nature. This is the side of architecture that I wish to explore.

The main goal of the Center is to achieve interpersonal understanding between Western and non-Western students. The central design issue is...

Cultural Transpositions in Architecture

FROM THE COMPETITION

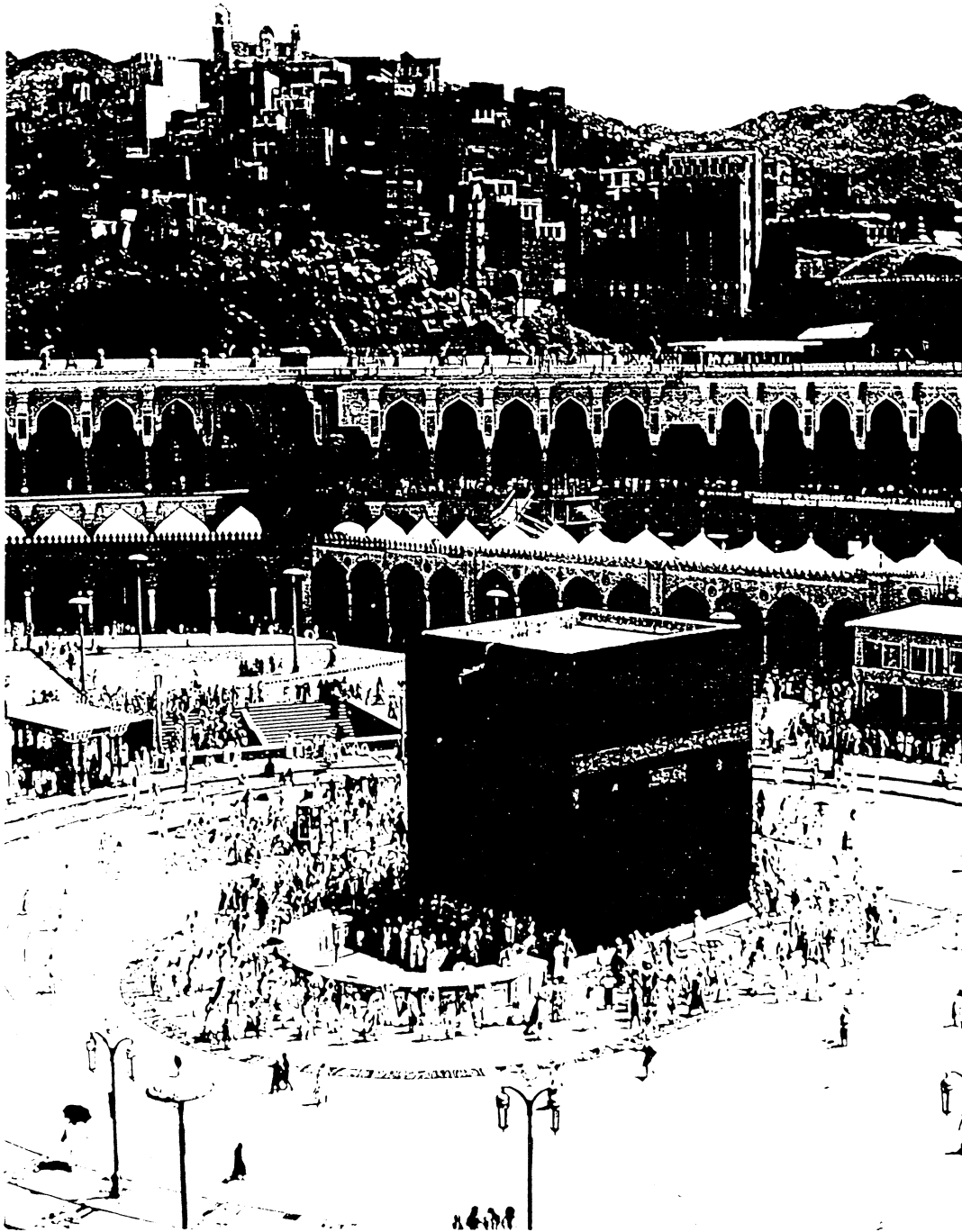
Nations are sharply divided by philosophy, politics, religion, etc.,...yet, thrive on interaction, exchange, and even international migration. The challenge here is to create an architecture which embodies the spirit of one culture while physically located in another, often totally alien environment. Therefore, the aim is to design with sensitivity to both the guest and the host culture while maintaining the highest design values considered universal to architecture.

The ideal context for this intersection of cultures is the college campus. Here, environment can best effect a student's immediate perceptions as well as his long

range ideals. However, the central point must not simply be the transposition of one architectural idiom into another. The main design issue must be the use of built environment to encourage two or more widely varied cultures to communicate on a daily basis.

The problem is immediately apparent. Students of such divergent backgrounds do not easily mix much less communicate. To succeed, the Center must take on a unique character both within its given context and within its user's sense of identity. The mission of the architect is to understand how built environment influences individual perceptions of identity. Any attempt at design could only be superficial without first understanding the social aspects involved in building, for it forces an institutional expression of ego onto the individual which, more often than not, ignores his needs.

BACKGROUND

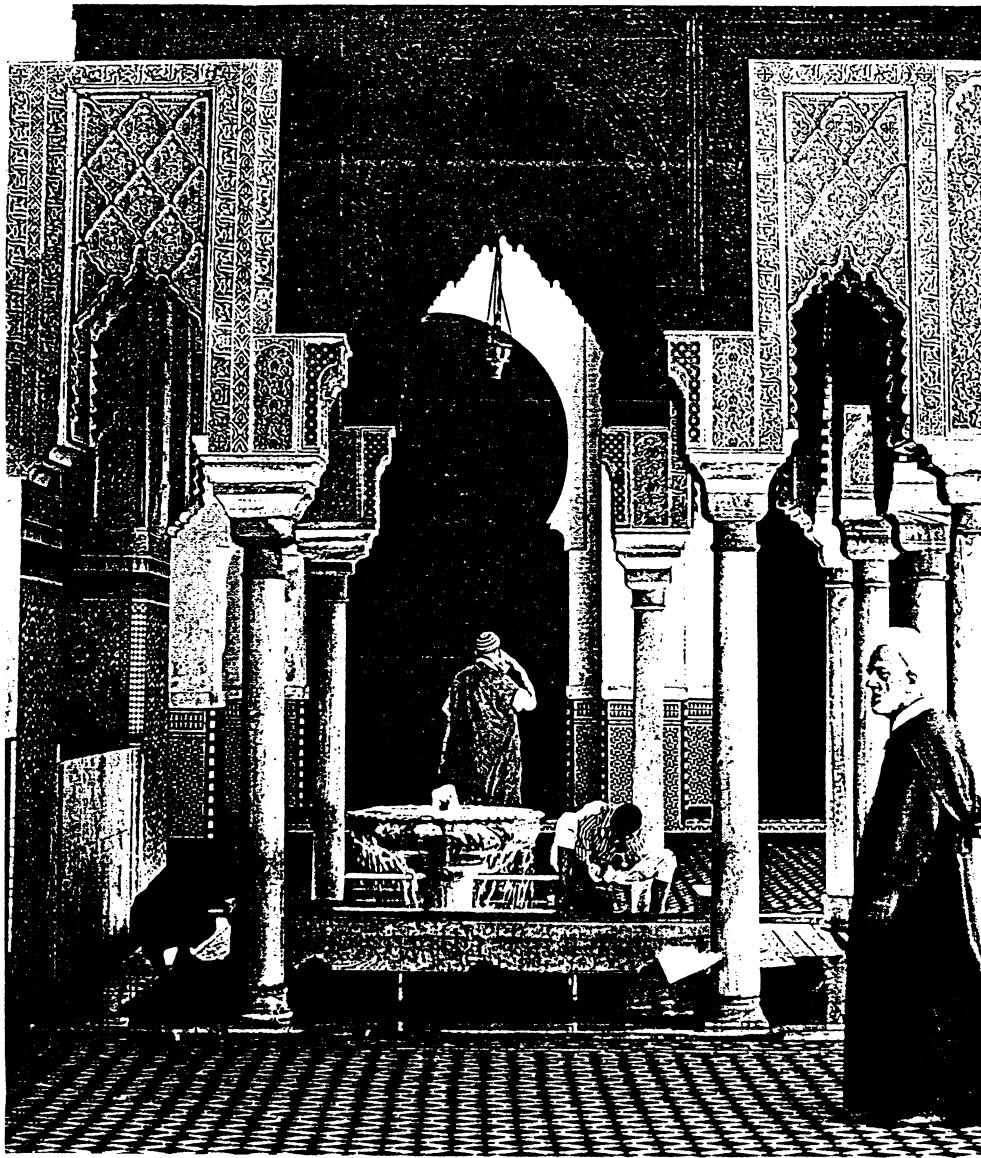


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ISLAM

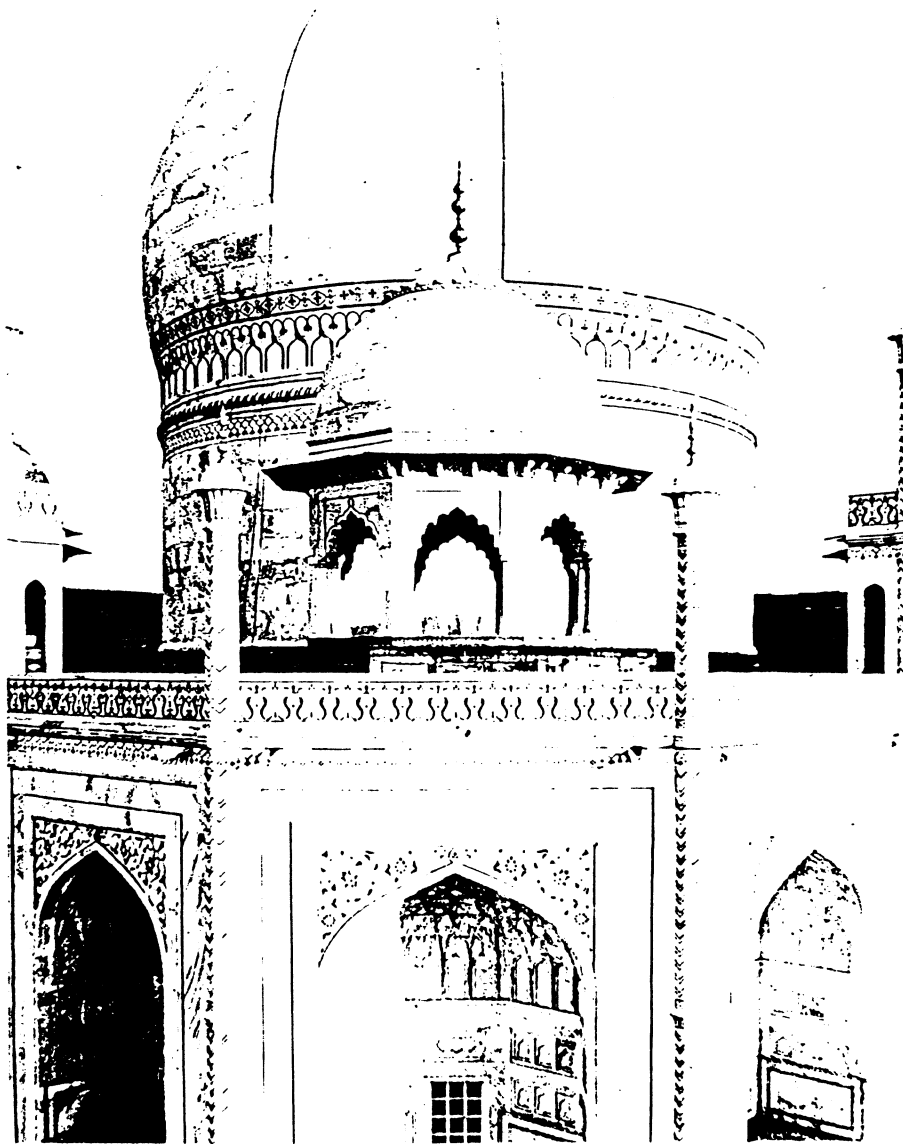
By its very nature Islam orders both the spiritual and physical lives of its believers. Often seen as a religion of laws, Islam's guidance through life's struggles leaves no doubt as to which is the right path. Duties to God and society are spelled out rather explicitly. Four levels of standards serve as the law -- the 'Koran', God's word above which there is no overriding law; the 'Hadith' in which the 'sunnah' of the prophet Muhammed supplement the Koran; the 'Ijma', a consensus of community leaders dealing with social life; and the 'Qiyas', analogic reasoning to be used only when the previous sources fail to give absolute direction.

The Five Pillars are the principle elements of worship, the basic obligations to God. They are confession of faith, Shahadah; ritual prayer, Salat; payment of alms, Zakat; fasting during the holy month of Ramadan, Sawm; and pilgrimage to the Kaaba in Mecca, the Haji. In terms of daily life, prayer is most important as it is called for five times daily. Prayer requires no special place,



only absolution and orientation along the Quibla, or direction to the Kaaba. Communal prayers, on Friday, are directed by an imam, or holy man.

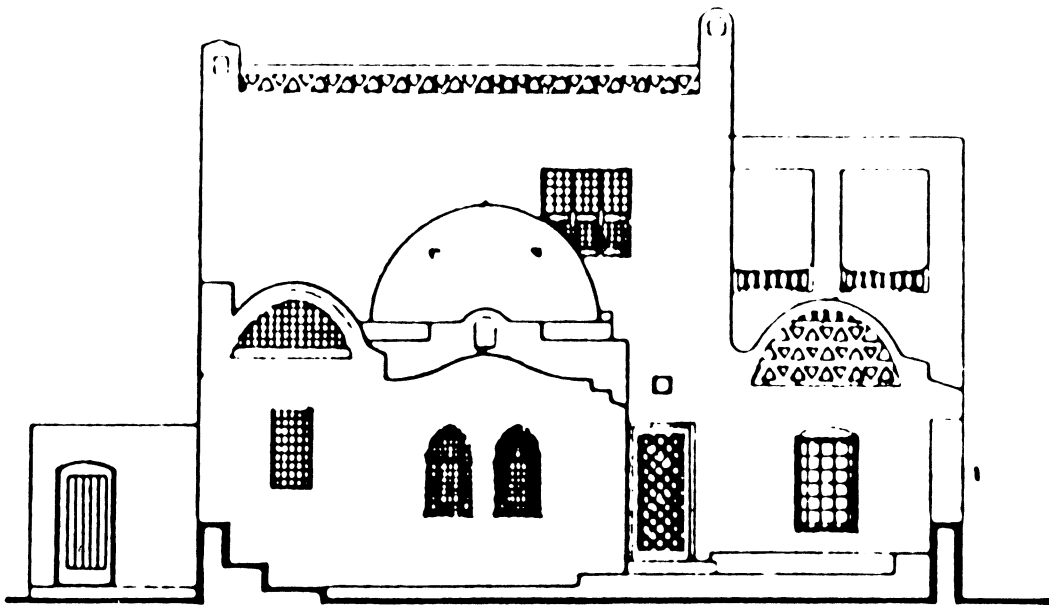
The hegemony of Islam, like every religion, has been diluted through the centuries by secularism and movements of convenience. Man has stepped in to interpret God's will as he sees fit. It may be easier then to think of Islam in more abstract terms; as represented by community. Its members share a common attitude; a humbling sense of purpose to the Creator. This community is given to excesses like any other, has its eccentrics and its prudents, those of pious faith and those of convenient belief, its intellectuals and its ignorants. Like all communities there is a common thread that allows variance from the theme while still giving the whole an identifiable character. Those living and growing up in the community share the images of this theme and when venturing to another community, judge that which they see by the images of their own. Islamic architecture represents this community. It is derived from

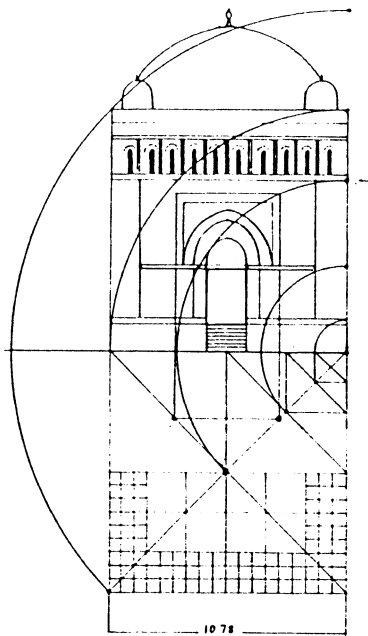


and is responsive to its needs, and , at the same time, is responsible for shaping the social cohesiveness which generates those needs. The physical reasoning of the Moslem community can perhaps best be explained through three of its primary aspects FORM, ORIENTATION, and TIME.

FORM

Traditional Islamic form expresses the intricate weave between social life and built environment. It is outwardly simple yet intricately related to inward forces. In keeping with Moslem character, architectural focus is on group needs rather than outward expression of structure. Spatial volume is therefore designed to serve the group from which form is then derived. So, to an extent, the guiding principle of Islamic architecture is form follows space and space is adapted to function. But function is not always fixed in Islamic society. It can be redefined according to time of day, season, or user group. So if a single meaning were assigned to the form/space relationship, it would be flexibility. Form in Islamic architecture is not restricted to any one purpose; it implies multiplicity of use, is universally smooth, massive, enclosing in nature, and, above all, beautifully simple.

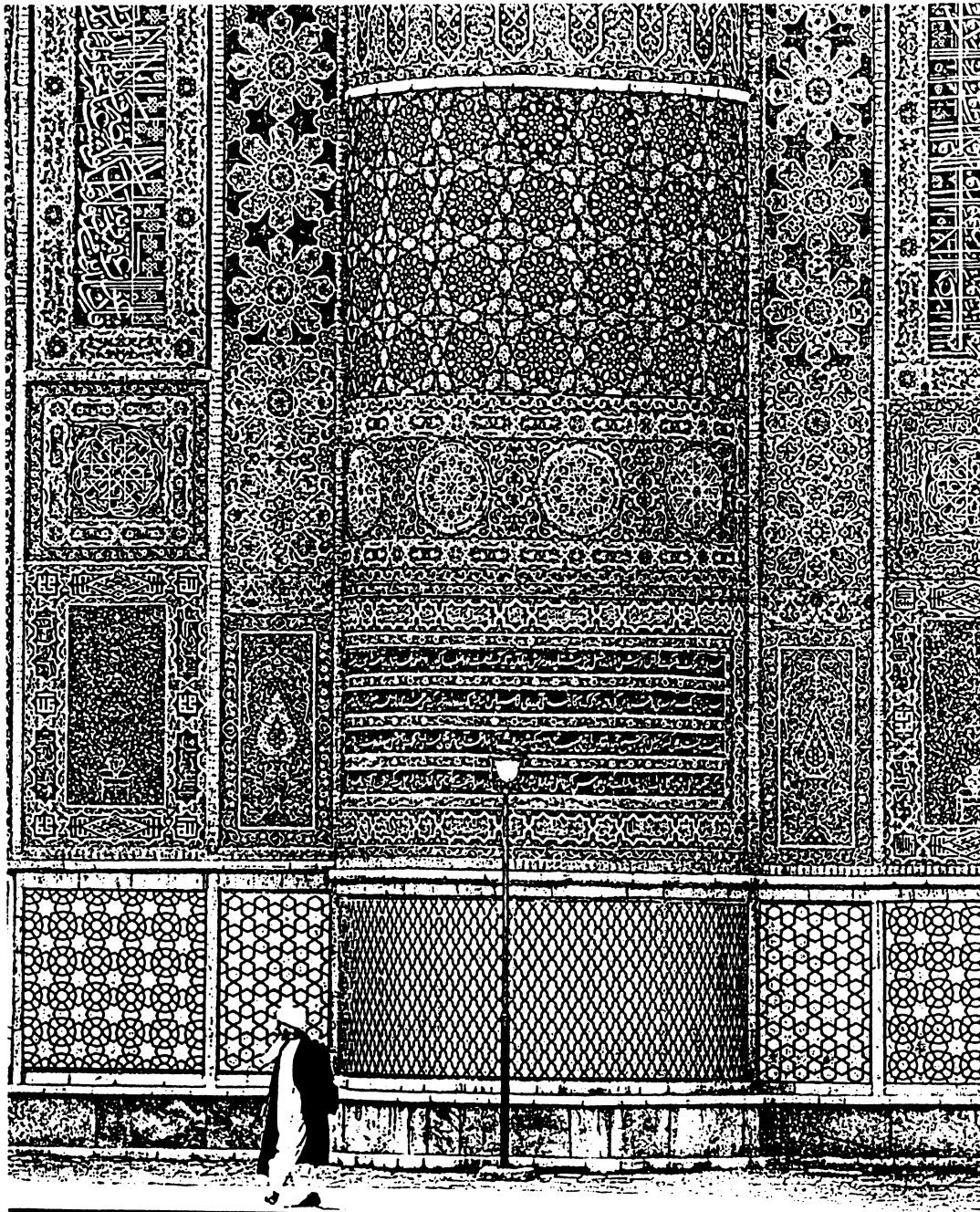




Systems of proportion governing the elevation of a building, based on the tomb of the Sāmānids, Bukhara. Dimensions such as those of the dado, the door, the door-frame, and the row of upper windows are all governed by simple divisions of the basic grid. The walls form a perfect cube, while the height of the dome corresponds to the diagonal of the generating square

SCALE / PROPORTION

Historically, the most beautiful buildings of the Moslem world have had a strong geometric basis in plan, space composition and decoration. Primary grids organize the principle massing while secondary grids control proportioning of elements within each bay of the established grid. Even in monumental building examples, proportioning of primary and secondary grids allows scale to be reduced to more intimate levels. Decoration and form are major contributors to this reduction. Historic structures, such as the Hagia Sophia and Fatehpur Sikri, reduce their huge massing through a sensitive proportioning of their primary forms to human scale. Emphasis is on the user and the limits of available materials rather than the object itself. The buildings seem infinitely tied to the ground, and to the street from where their users perceive them.

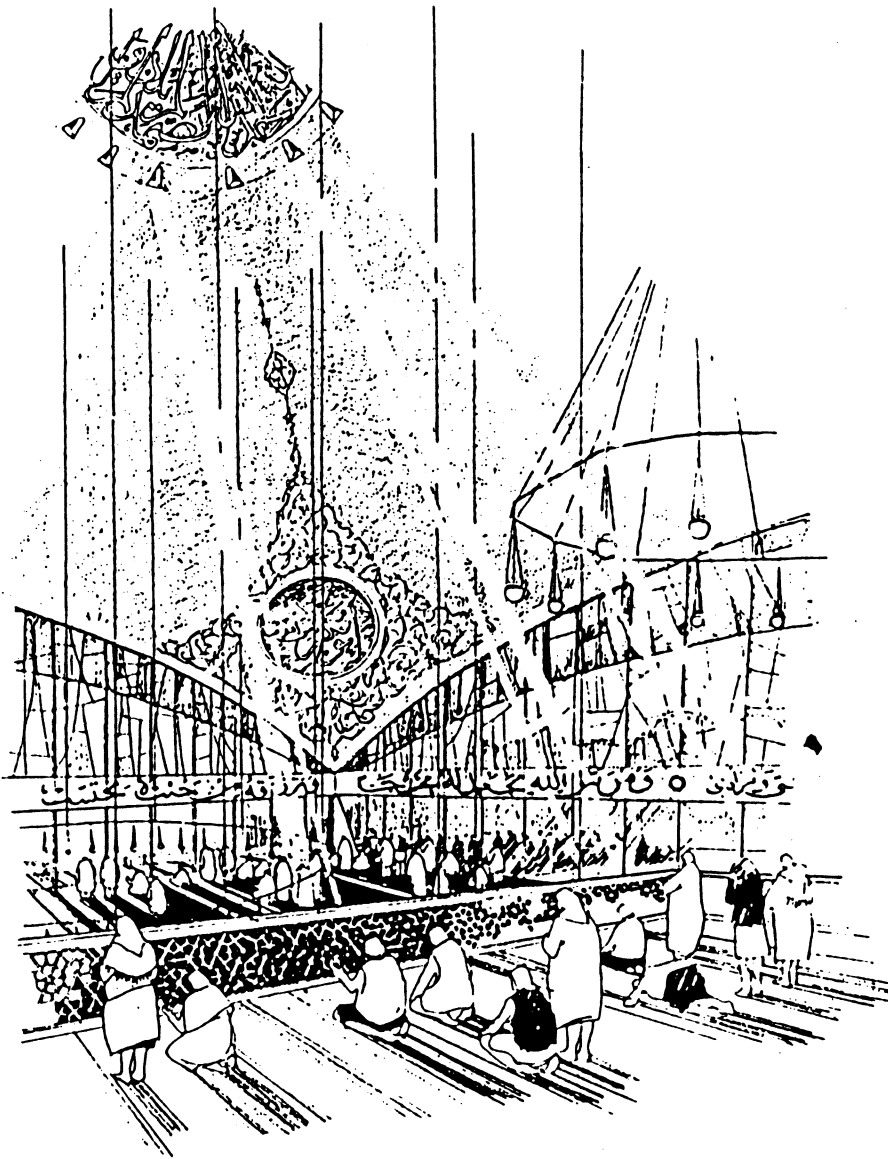


SURFACE & PATTERN

Surface and pattern are the tools of decoration which conceal rather than reveal a building's structure. Though decoration can be beautifully detailed on a small scale, its interlocking geometries allow endless repetition uniting surface into fluid coherence. In this manner the transition from plane to plane along a building's facade is combined into one logical surface, cool to the eye and soothing to the mind. Structural elements that break this coherence are seldom expressed. Since Islamic belief prohibits the exhibit of human form, decoration mainly consists of calligraphy, foliation or geometric patterns executed in stone, stucco or colored mosaics. Islamic art and decoration is intellectual rather than emotional where questions and answers are finely balanced. Its conceptual effect is to reduce large scale, inanimate surfaces to human proportion and is a two-way communication process between building and user.

LIGHT

Light is everything to Islamic architecture. It is the catalyst of a dynamic environment or the essence of subtle refinement. It is a flexible, yet tangible design tool that enlivens form, texture and pattern. Different light during different times of day breathes architectural life into inanimate space, and in Islamic environment, development of space can be especially exciting. For climatic reasons, controlling daylight is a major concern. Any light that is allowed to penetrate is by choice, therefore, fenestration and form decisions are often related to daylighting effect rather than outward esthetic. Inside, patterns of light move along walls and floors; an interior dome rotates as light from an off-center oculus moves across its surface; reflective finishes illuminate the deep shadows; and sculptural elements refract light for better dispersal through the space. Outside, harsh daylight creates strong shadows exposing surface texture, defining shape and expressing sculptural edges. The adept handling of light is a symbol of Islamic architecture that is in tune with the cycles of the day -- in tune with the cycles of life.



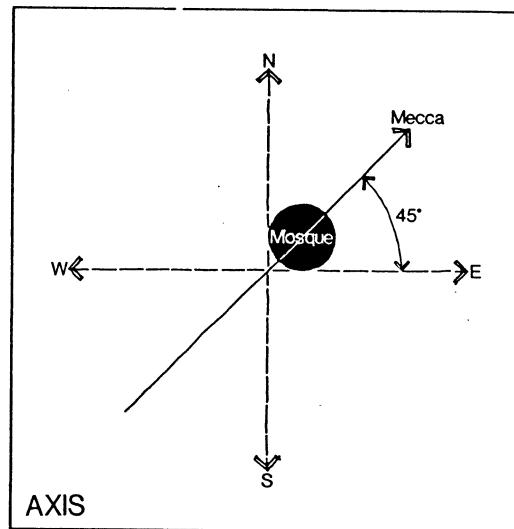
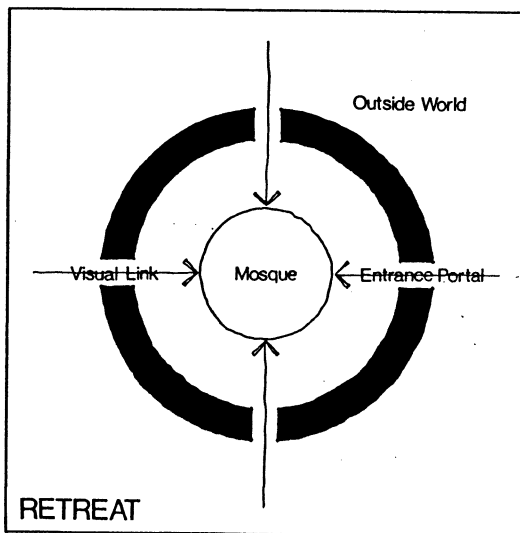
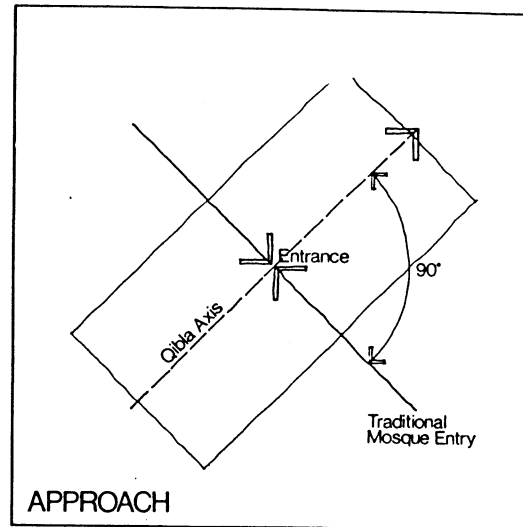
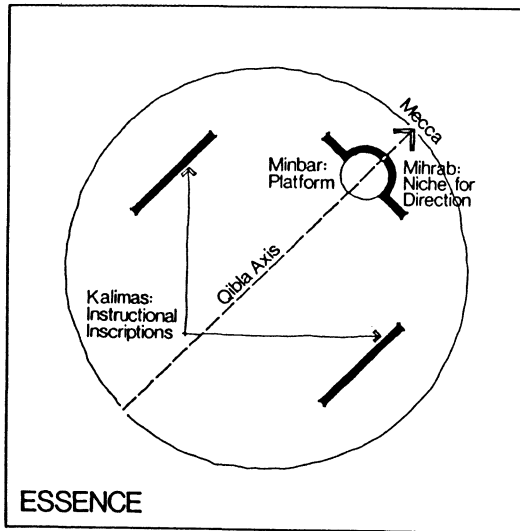


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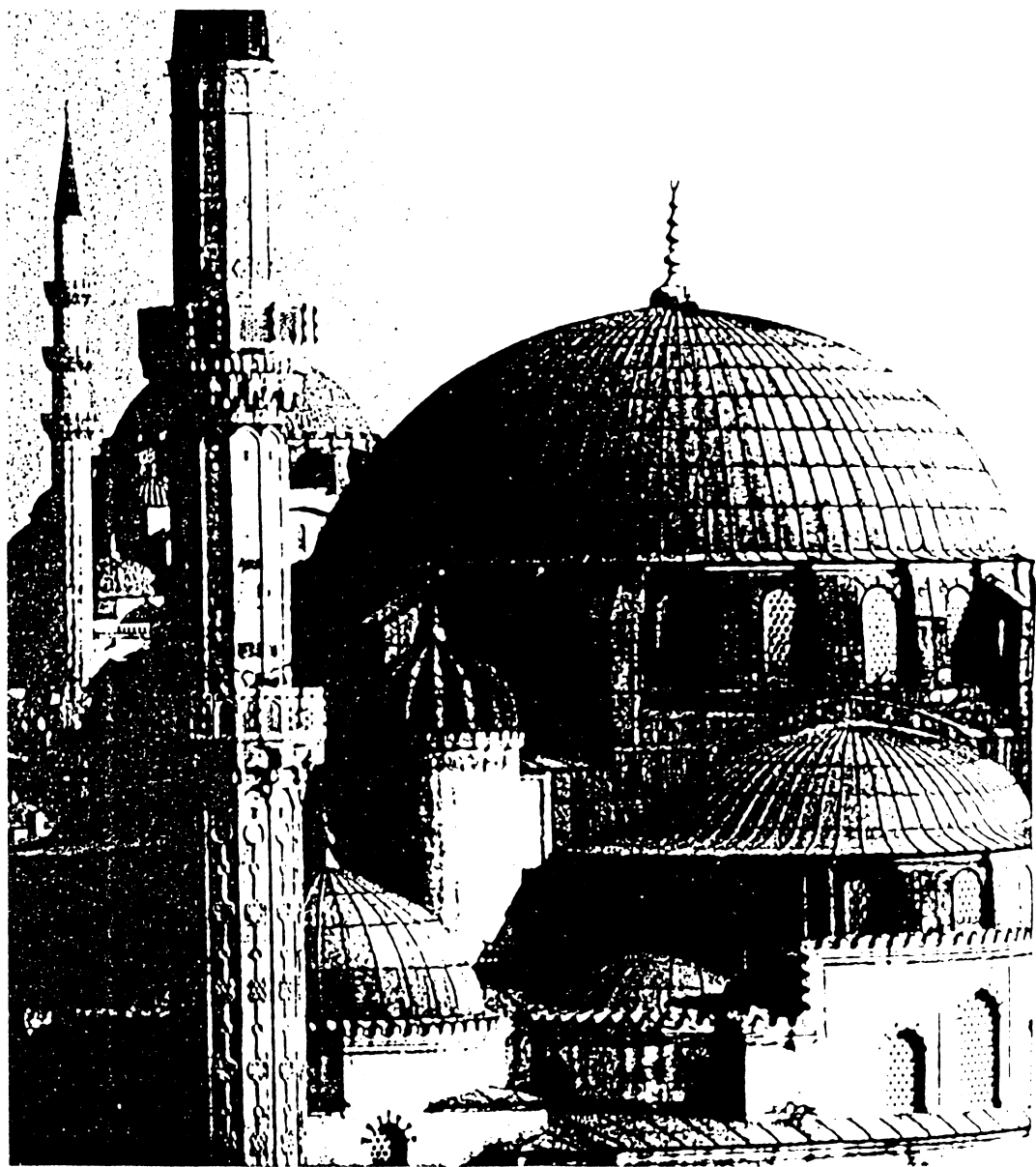
CRAFT

Islamic architecture has historically relied on its craftsmen. Building techniques, use of materials and esthetics developed according to the talents of indigenous labor who were, in some areas, very specialized, while in others, of general skill. Craft grew according to the demands of the community and is the basis of vernacular architecture in the Moslem environment. This is an architecture of humans where meaning would be lost if it did not rely on the human dimension. A relatively slow architectural development coupled with an advanced understanding of materials and detailing shows how the talents of Moslem craftsmen are both limit and life blood to Islamic architecture. Traditional building methods make the simple charge of forms in Moslem cities seem archaic while the detailed craftsmanship and handling of materials in those same buildings show an advanced level of skill rivalling that of any civilization.

ORIENTATION



Orientation in Islamic architecture means more than the spiritual significance of the qibla axis. It defines the complex relationships between physical space and human space. Somewhat synonymous with point of view, orientation is regulated more by cultural norm than by intuitive opinion. Architectural orientation takes on four basic aspects -- orientation to God, to Nature, to Family, and to Society. Although being both intensely public and intensely private, Moslem environment almost universally exhibits an inward orientation. This inward looking architecture, according to Abdulla Bokhari, is the true philosophical meaning of Islamic architecture because it conforms to the spiritual Islamic attitude in which the essence of life is not in form or shape, but is hidden deep within.



ORIENTATION TO ISLAM

Most obvious in Islam's architecture are her Mosques. Sometimes enormous, sometimes small, the mosque need not be of any particular form or style. Its only requirement is that it serve those who use it as a place of holy repose, physically oriented toward Mecca. This orientation, the quibla, is denoted by a depression, or niche, in one wall, called the Mihrab. Prostration and prayer ritually addresses the mihrab (Mecca). The importance of the quibla axis to religious ceremony also translates into daily life. This conscious physical alignment toward the ritual center of Islam symbolizes the emphasis away from the material world and toward simplicity and humility in everyday life. The Moslem is directed to avoid frivolous waste and useless habit; to achieve a harmony between himself and nature, between himself and God. As manifested in art, dress, social custom and building, this aspect of Moslem character orients environment toward an inherent appreciation for the process of life rather than the objects of life.



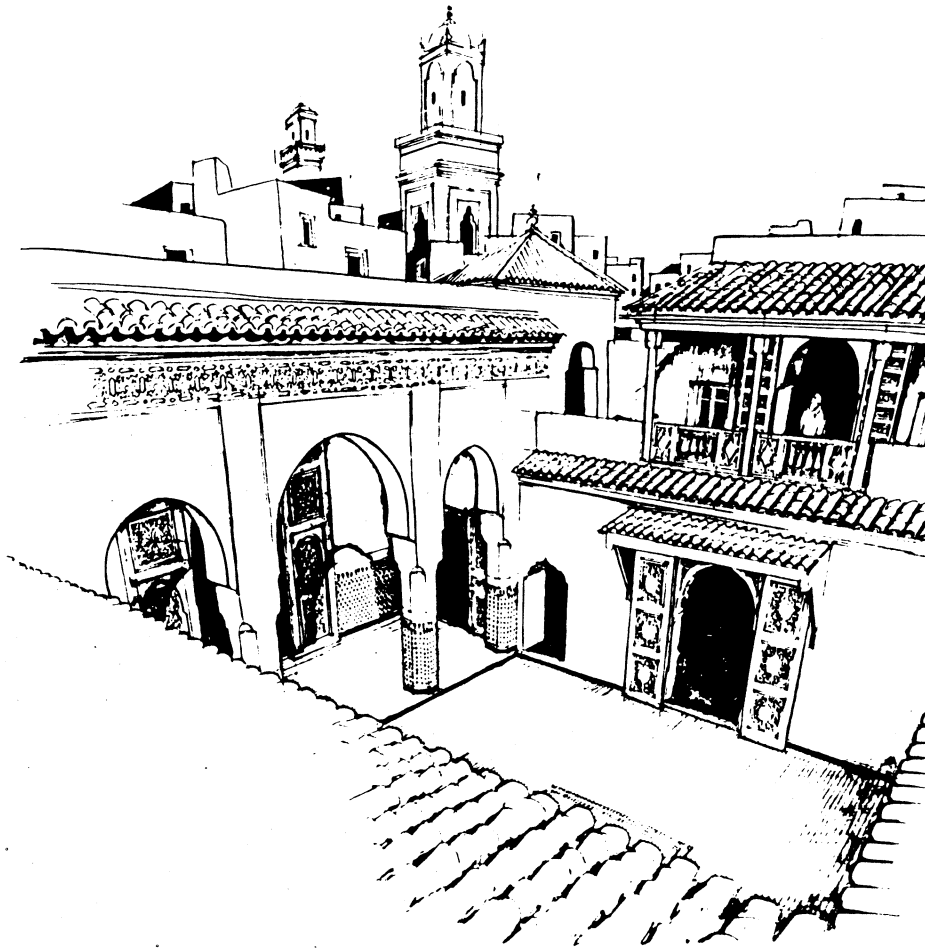
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ORIENTATION TO NATURE

Adaptation to nature's extremes is a centuries old concern in Mid-East culture as orientation toward it, from it and in spite of it regulates the region's architecture. Windtowers direct breezes downward, mud brick construction provides insulating thermal mass, courtyards induce ventilation through the house and periodic daily shading cools the close quarters of the street. The strong orientation to nature's cycles regulates form, fenestration and lifestyle. Perhaps most unique to the Islamic concept of nature is the use of water. It is not the gushing, kinetic representation of motion as in the West. Instead, it lies in limpid pools sometimes fed by single delicate jets. It is restful, presenting a cool image, yet it responds immediately to the slightest interruption of its surface. Water reflects, multiplying the images it contains and contributing a dynamic quality to fixed space. Like Islam and community, water is controlled within fixed channels, geometrically organized, connecting the scattered pools and defining direction and movement through the various parts of the building.

ORIENTATION TO HOME

The traditional home demonstrates the subtle complexity of Moslem character. Its orientation to the street, the orientation of its parts, and its orientation to others all exhibit an intense concern for personal space. Perhaps due to the chaotic nature of the street, the nature of the house is characteristically private. It does not observe the street but presents a plain exterior and continues through layered degrees of controlled space. Sight lines are cut by winding walkways leading to the door and by screens and walls within. The courtyard, around which many homes are organized, serves as the lungs of the house allowing drafts, cooled by water, to penetrate the lower spaces. Living quarters, organized around the court, provide complete privacy for family members, especially women. To the Moslem the house represents harmony; his sense of being; a place of respite from the outside world. The forms, spaces and elements of this harmony have developed through an intrinsic concern for family needs and is a telling example of environmental integrity.





ORIENTATION OF THE STREET

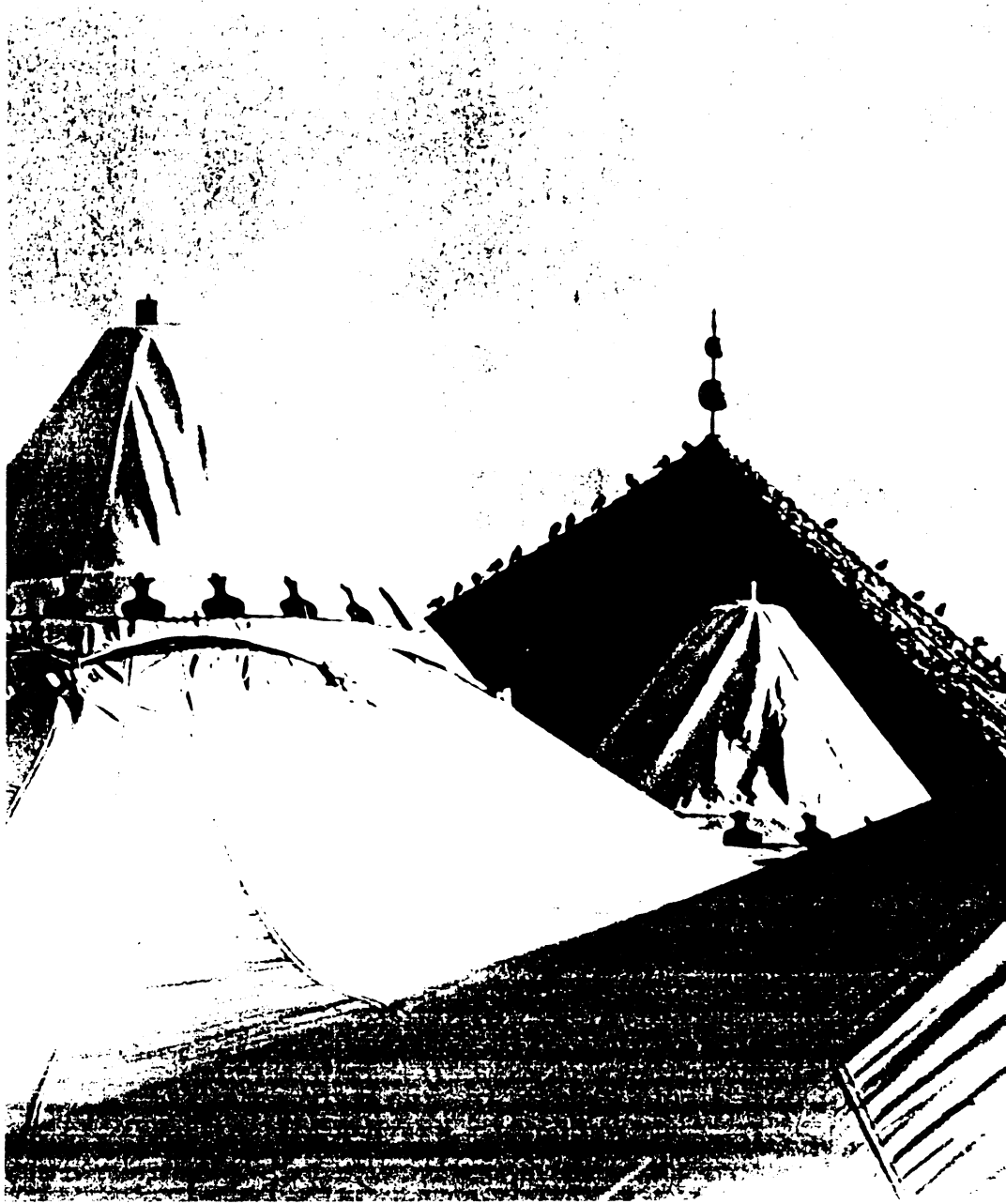
The street is possibly the most fascinating aspect of Moslem culture. Here are exactly those sights, activities and aromas that personify the society. And here, for better or worse, the images of the society are formed. As the principal element of urban environment, the street is considered social space. It is generally enclosed with high walls at ground level. Except where markets exist, penetrations occur only along upper floors while narrow widths assure shade. Right angles and continuous vistas are rare. Streets sometimes converge into a "serai"; an open area, usually square, with public fountains at its center. Arcaded facades facilitate trade on the ground level which is raised to a convenient seating height. The street as a whole presents a flexible atmosphere for markets, public circulation and shaded conversation. Although public space, it is still very intimate. The close interaction and high energy of the social street is integral to Moslem character. It is where one forms his style of interpersonal communication and the measure of himself in the community.



TIME

Time is a continuous thread running through Middle Eastern culture. Evident in every part of its architecture and people is an organic agelessness connecting past and present. In life, past and present unite in the timeless rituals of Islam. In architecture, past continually relates to present through the reinterpretation of accepted forms, materials and building practices. Time is part of the permanent image shared by those within as well as those outside Middle Eastern society and is integral to its identity.

Though many things represent the past, technology, above all, represents the present (and future). While technology was, and is, a generative process in the West, in the Middle East it is a relatively new phenomenon. Here, there has not historically existed a concept of progress in the Western sense, and until recently, only influences of colonial subjugation have been grudgingly accepted. But contemporary Western influence not only brought progress, it introduced a plurality that threatens time-honored norms. Curtain-wall, steel frame building types that are



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dependent on numerous systems are totally foreign to Moslem environment. They depend on foreign technology, foreign expertise, and, with few exceptions, derive little from the vernacular. Even more of a crime is the impact of utopian planning policies on the traditional city-scape. Housing blocks on wide, grided boulevards; large open spaces with infinite vistas; all represent the antithesis of Islamic principle. They do not recognize the individual. It is no wonder that social upheaval in the Middle East is a reaction to the insensitive use of technology, because, it is not part of the modern influence to accept tradition.

In architecture and planning circles there is concern for cultural authenticity. Current opinion among architects indigenous to the region led by Egypt's Hassan Fathy, are realizing the discrepancy between what this new technology claims to do for human welfare and what it is actually achieving. There is little doubt that certain technologies are necessary, but there needs to be a common



vocabulary developed that will ease the tension between old and new. For Islamic architecture to embody progress, a sense of time is exactly what is required if it is to fulfill both physical and metaphysical needs of society. It is a matter of respecting, not necessarily the literal, but the subliminal aspects of time-honored architecture -- finding that continuous thread.

CENTER

for

MIDDLE

EASTERN

STUDIES

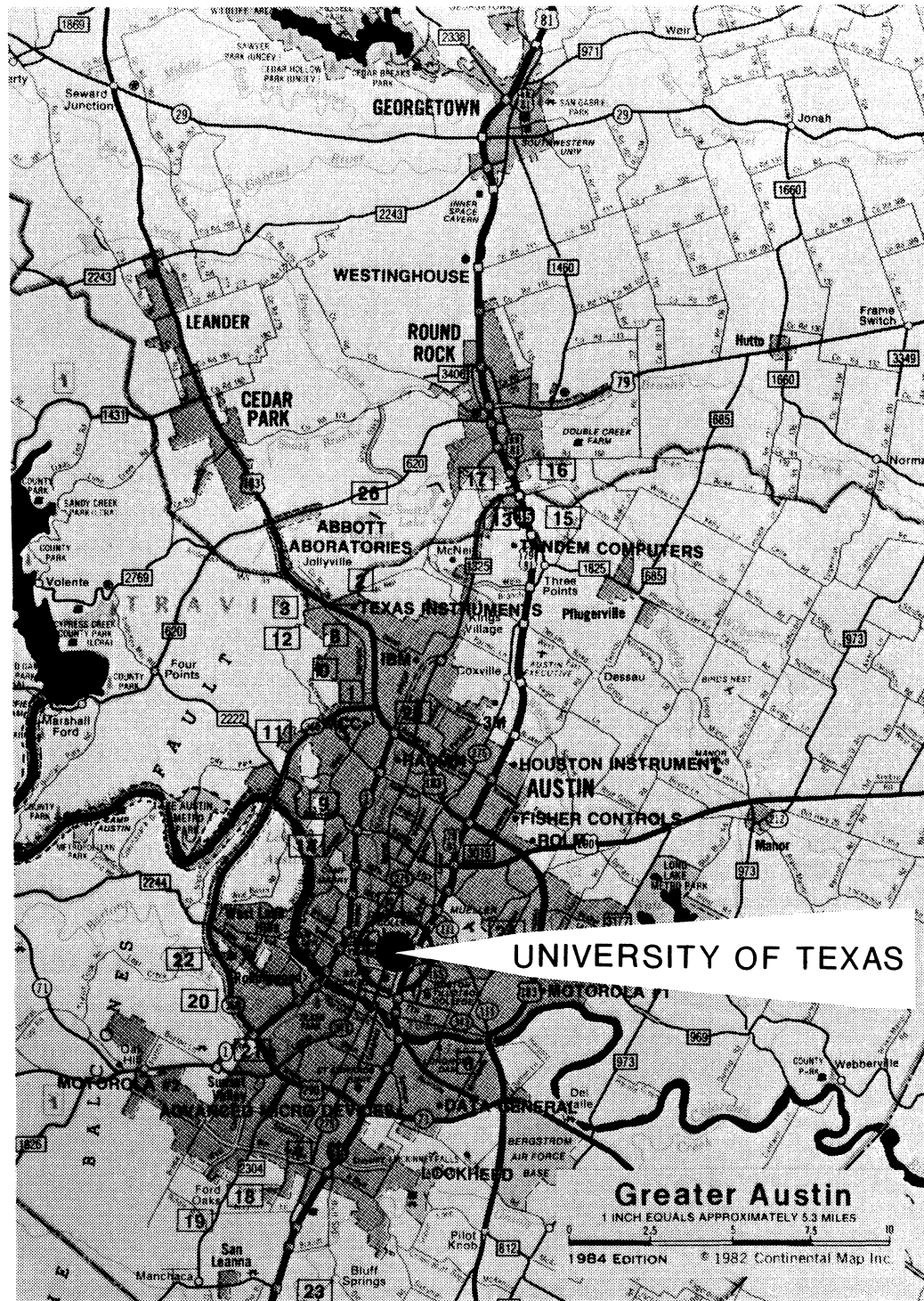
university of texas austin

SITE

Austin is situated in south central Texas at the break of a rocky, hill-country and fertile farmland. Its 400,000 people are young, average age of 28, and economy extremely diverse. Austin is the political, cultural, and educational center of a huge diverse state, and being so is a mirror of the people of the region. It draws to it a broad cross-section of southwestern lifestyles and attitudes and therefore, is a perfect laboratory for cross-cultural exchange.



AUSTIN, TEXAS



PROFILE ANGLES

30°N

	10:00 a.m.	12:00n.	4:00 p.m.
DEC	32°	36°	19°
MAR/SEP	60°	61°	60°
JUN	86°	84°	83°

BEARING ANGLES

30°N

DEC	29°	36°	11°
MAR/SEP	48°	61°	26°
JUN	62°	83°	36°

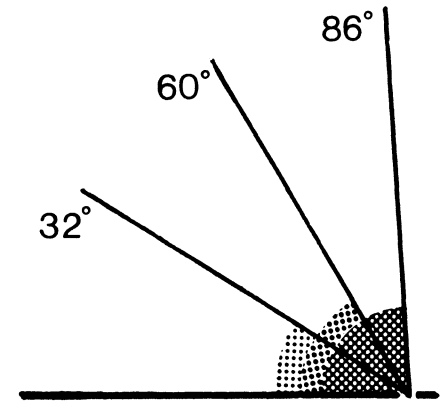
ALTITUDE

30°N

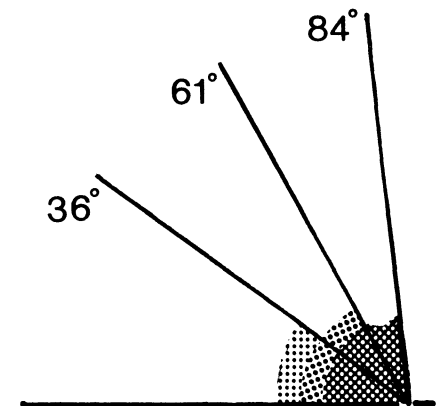
DEC	32°	-	55°
MAR/SEP	49°	-	74°
JUN	83°	-	81°

SUN

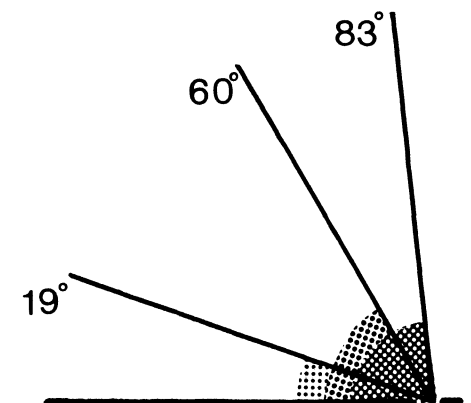
10:00 AM



12:00 N

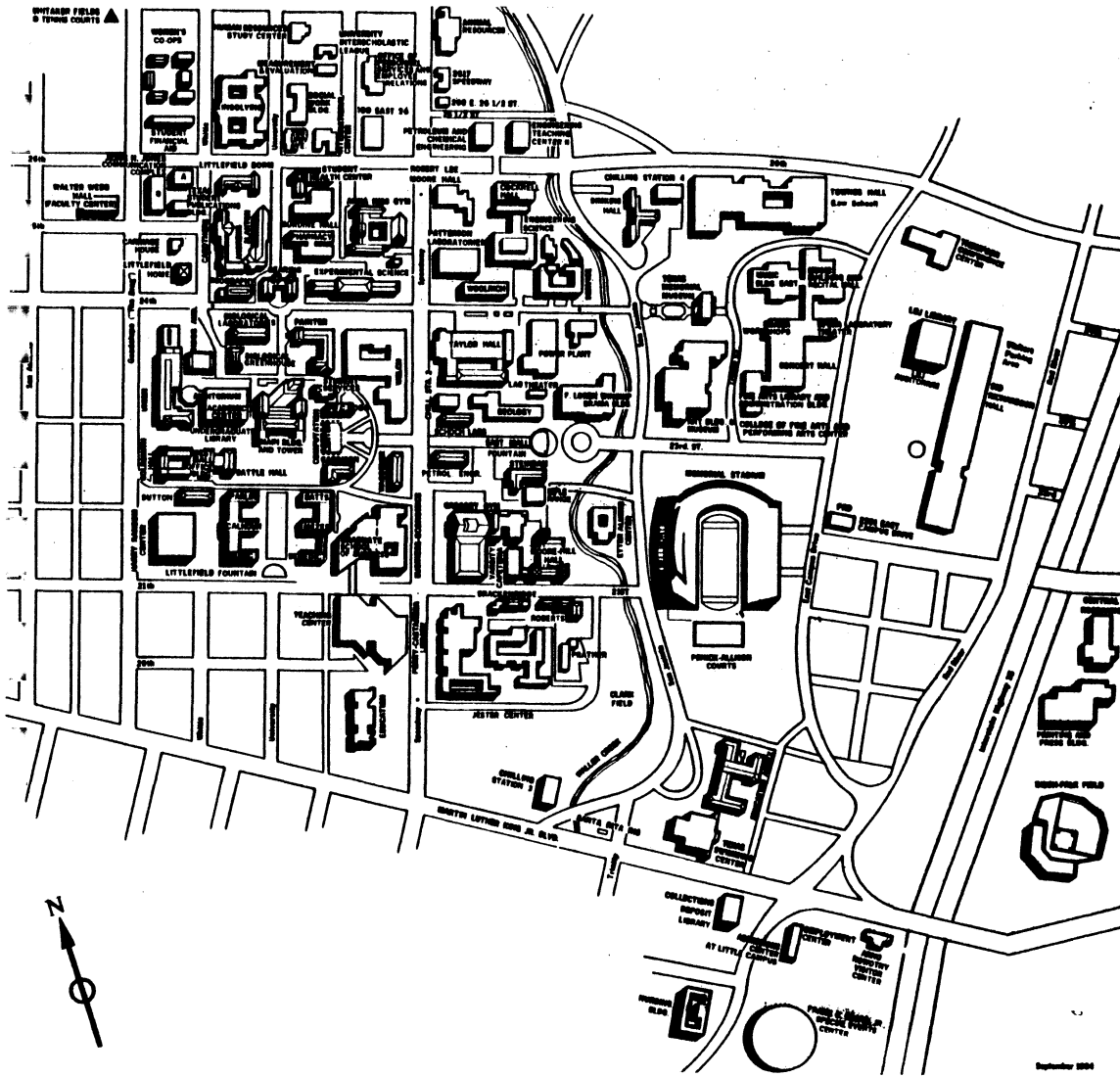


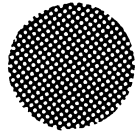
4:00 PM



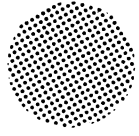
UNIVERSITY OF TEXAS

The University of Texas is an ever expanding urban institution directly north of the state capitol. Its original 40 acre classic quadrangle has strong Romanesque influence, dominated by a Federal-style tower at its center. Open vistas are maintained along the perpendicular axes from the tower and serve as primary pedestrian circulation. 47,000 students and a huge public/private endowment keep university academics and facilities at a high level. The university is strongly committed to its international studies programs and recruits scholars and students from all over the world; of these are some 2300 Middle East and North Africans. Revenues earmarked over a century ago for new construction, in 1985, made \$325 million available to the U.T. system. Of this permanent fund, 60% is available to the Austin campus. Therefore, once the commitment is made to a building project, budget is of less concern than quality. There is no master plan, no accepted building codes, setbacks, height/mass restrictions or parking requirements. However, certain practices are accepted in order to continue campus norms and mesh the campus

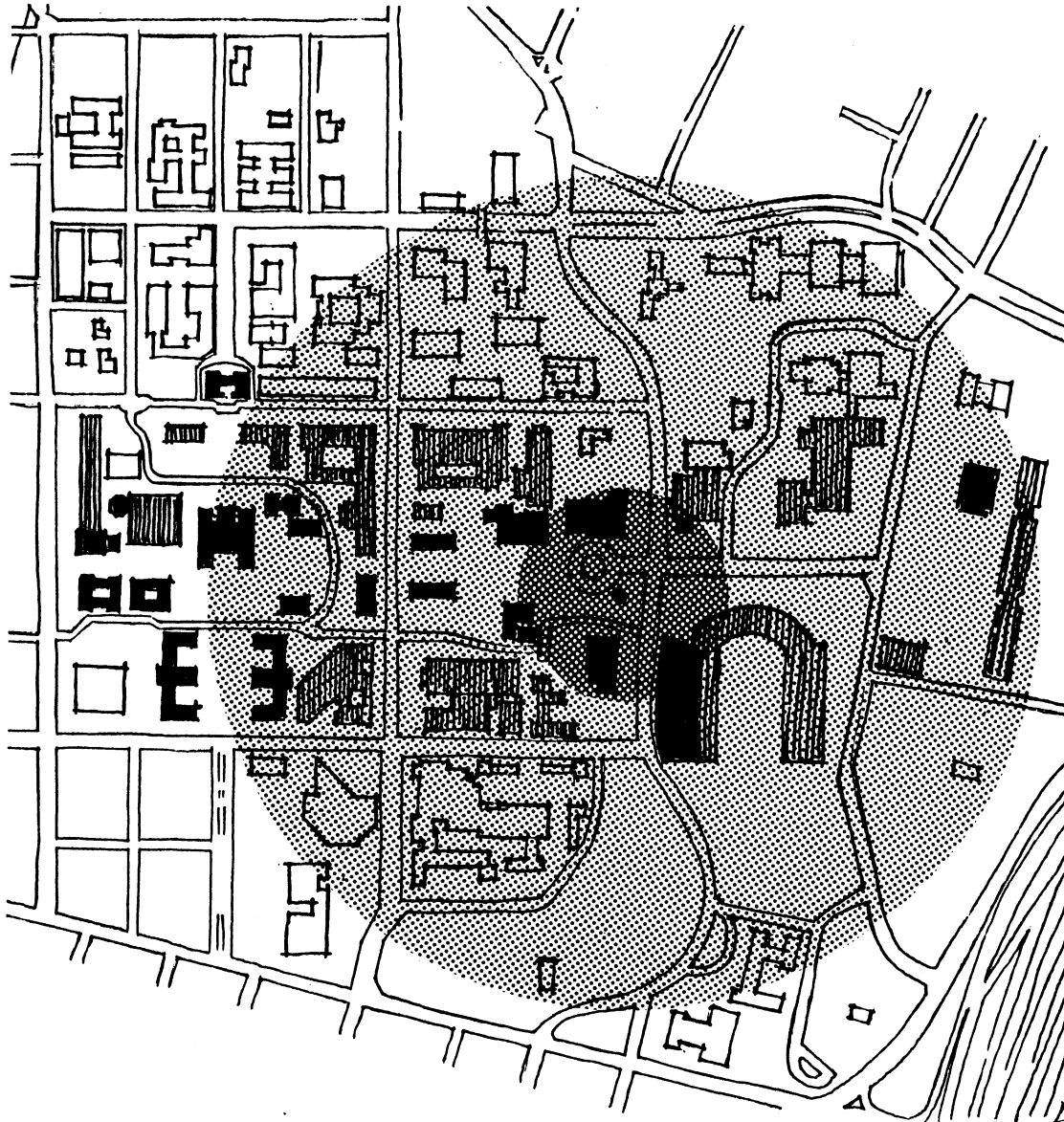




ONE MINUTE WALKING RADIUS



FIVE MINUTE WALKING RADIUS



physically and politically with the city. They are: general adherence to Southern Building Code (city of Austin); respect of the perpendicular axes in terms of language, circulation patterns and vistas; respect of the Waller Creek greenbelt developed by the city; and respect of basic campus zoning of building use.

DATA

Temperature-normal averages 68.3 , maximum 78.8 , minimum 57.4 . Normal daily range-winter 42-62 , summer 73-94 .

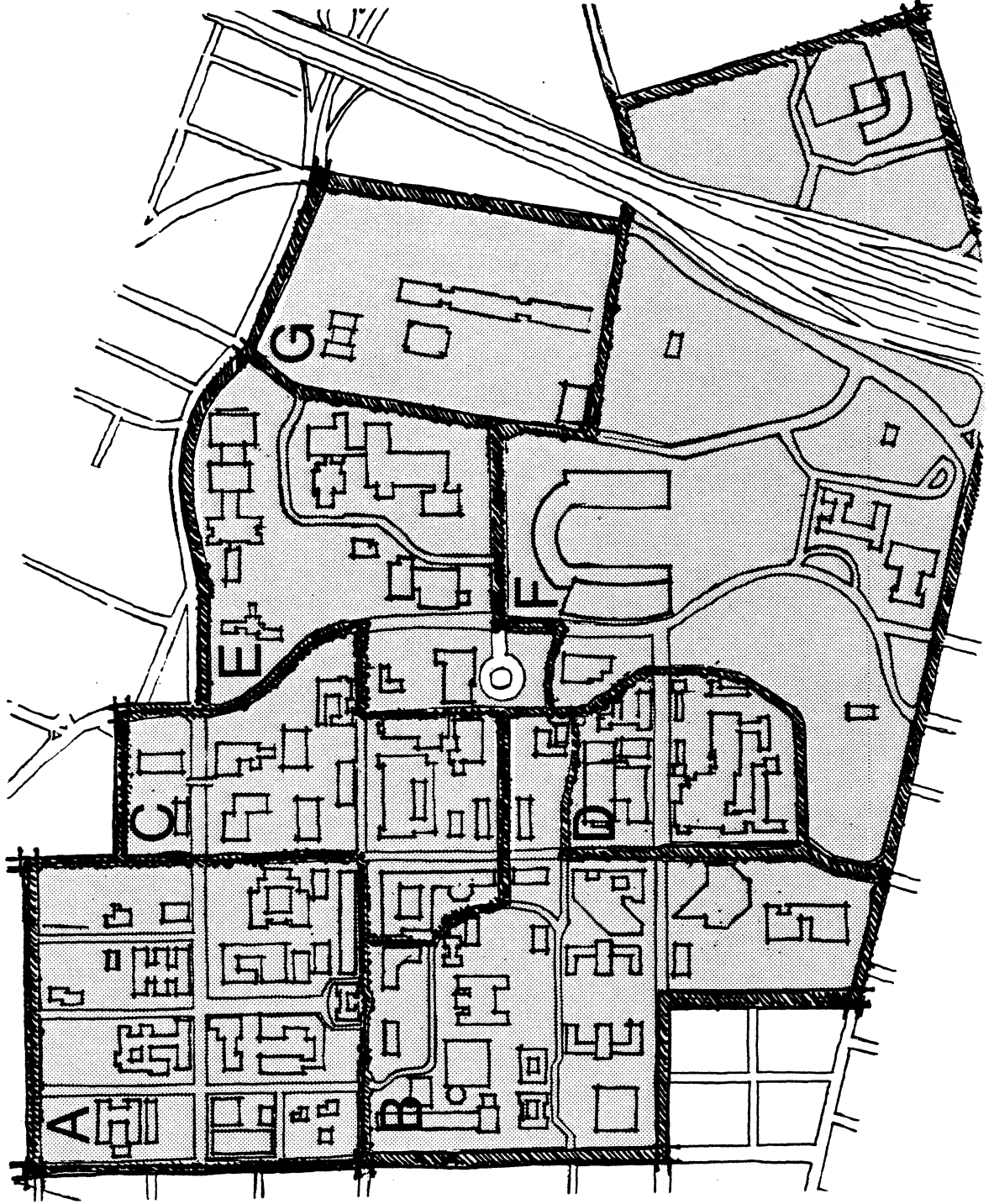
Average annual days of sunshine-300.

Average annual rainfall-32.49 inches.

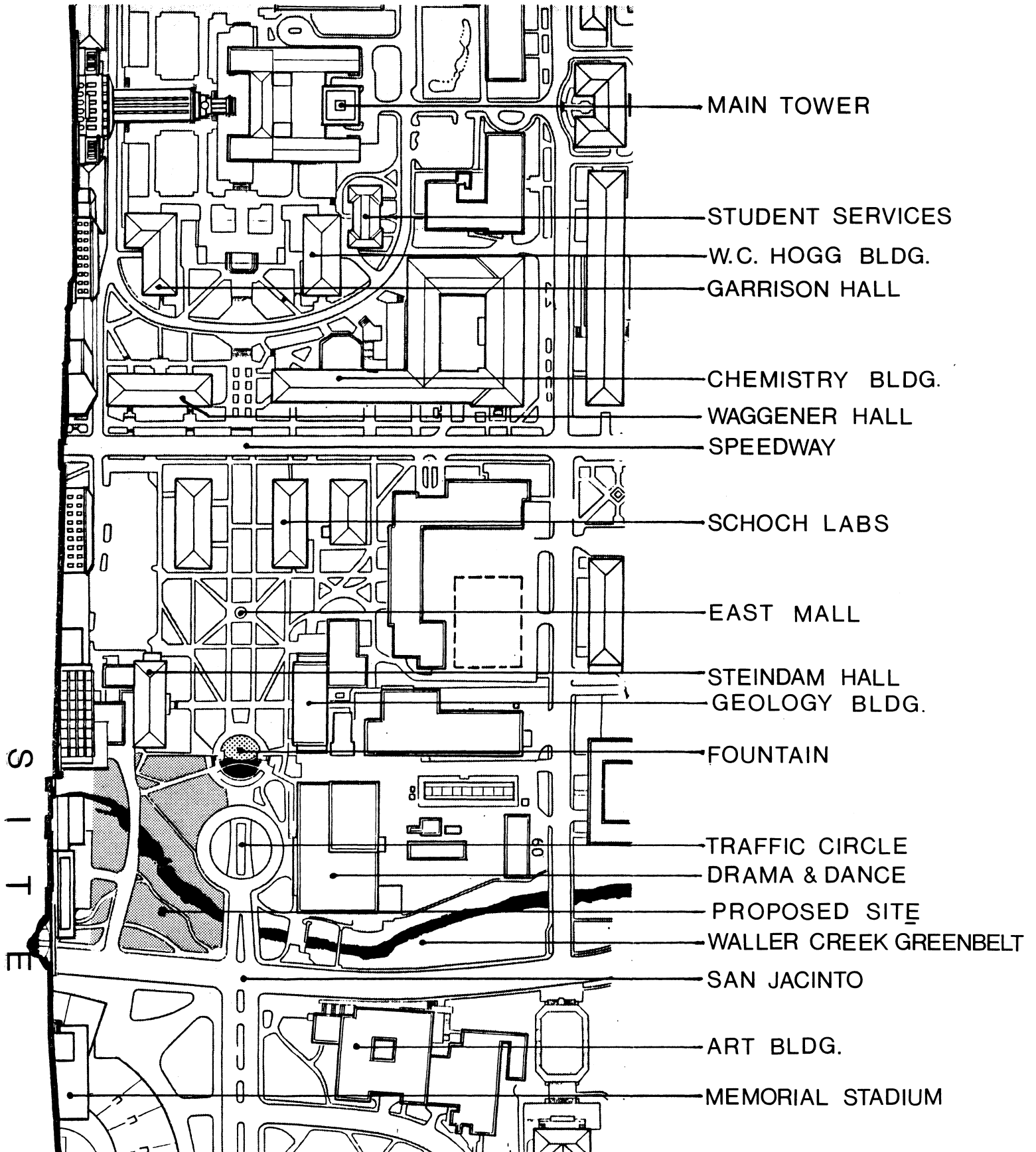
Altitude-from 425 at lakeside to 1,000 feet in northwest city hills.

ZONING

- A HOUSING, HUMANITIES
- B ADMINISTRATION
- C ENGINEERING
- D HOUSING
- E LIBERAL ARTS
- F ATHLETICS
- G MUSEUM



EAST MALL



THE SITE

The proposed site is directly adjacent to the East Mall fountain bordered to the north by the Drama & Dance Bldg. and pedestrian drop; to the east by San Jacinto Blvd., (an inner campus drive) and Memorial Stadium; to the south by the Ira B. Etter Alumni Center; and to the west by the R.O.T.C. complex. It is basically flat and rectangular but cut diagonally by Waller Creek. A greenbelt extends along the length of the creek, a remnant of Ladybird Johnson's beautification programs of the 60's. Though Waller Creek does not drain a large water-shed, most drainage being diverted into the storm sewer system, occasional flooding does occur, reaching the 515 ft. level. Retention ponds upstream keep it from reaching higher flood levels.

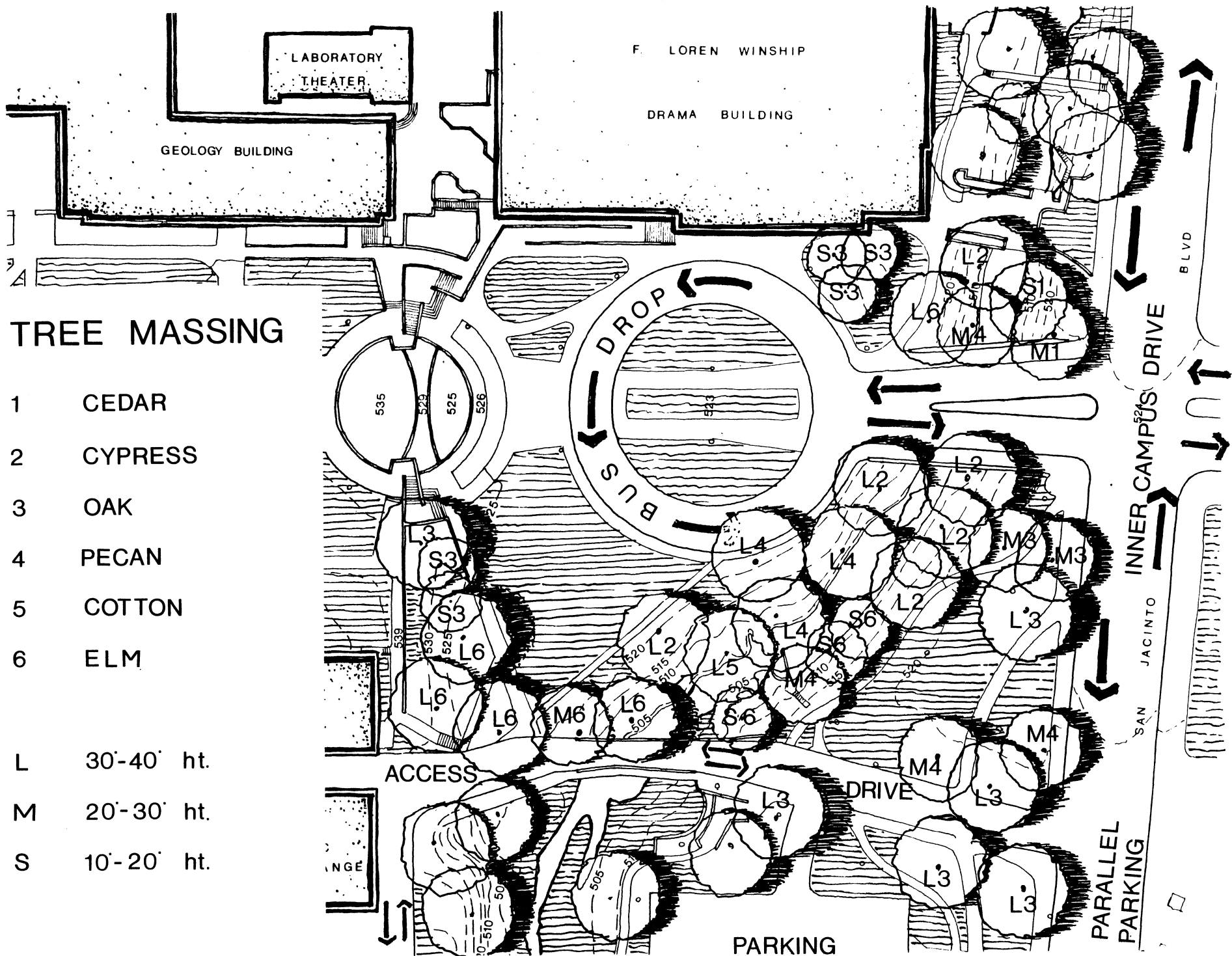
Adjacent buildings are of mixed vocabulary, mostly light brick and limestone construction and medium to low-rise. Views to the site are somewhat less important than views from the site. The tower is prominent from all parts of the site, as are the L.B.J. Presidential Library and the precast facade of Belmont Hall, situated under the

stadium's upper deck. Cross-site circulation is only minimal but the pedestrian drop-off and east mall circulation is extremely active. A shuttle bus system, servicing 40,000 riders daily, drops three of its major routes and a park and ride route at this point. In addition, two metropolitan bus routes stop at the San Jacinto - 23rd Street corner. 12,000 to 15,000 riders arrive at this point on school days, making the image potential of this site extremely interesting. Both natural and circulation aspects of the site call for sensitive solutions with three primary site criteria:

ONE: The Waller Creek Greenbelt must be observed in intent if not wholly in natural preservation.

TWO: Access to Gregory Hall and Alumni Center parking lots must be maintained and an adequate solution to new spaces achieved.

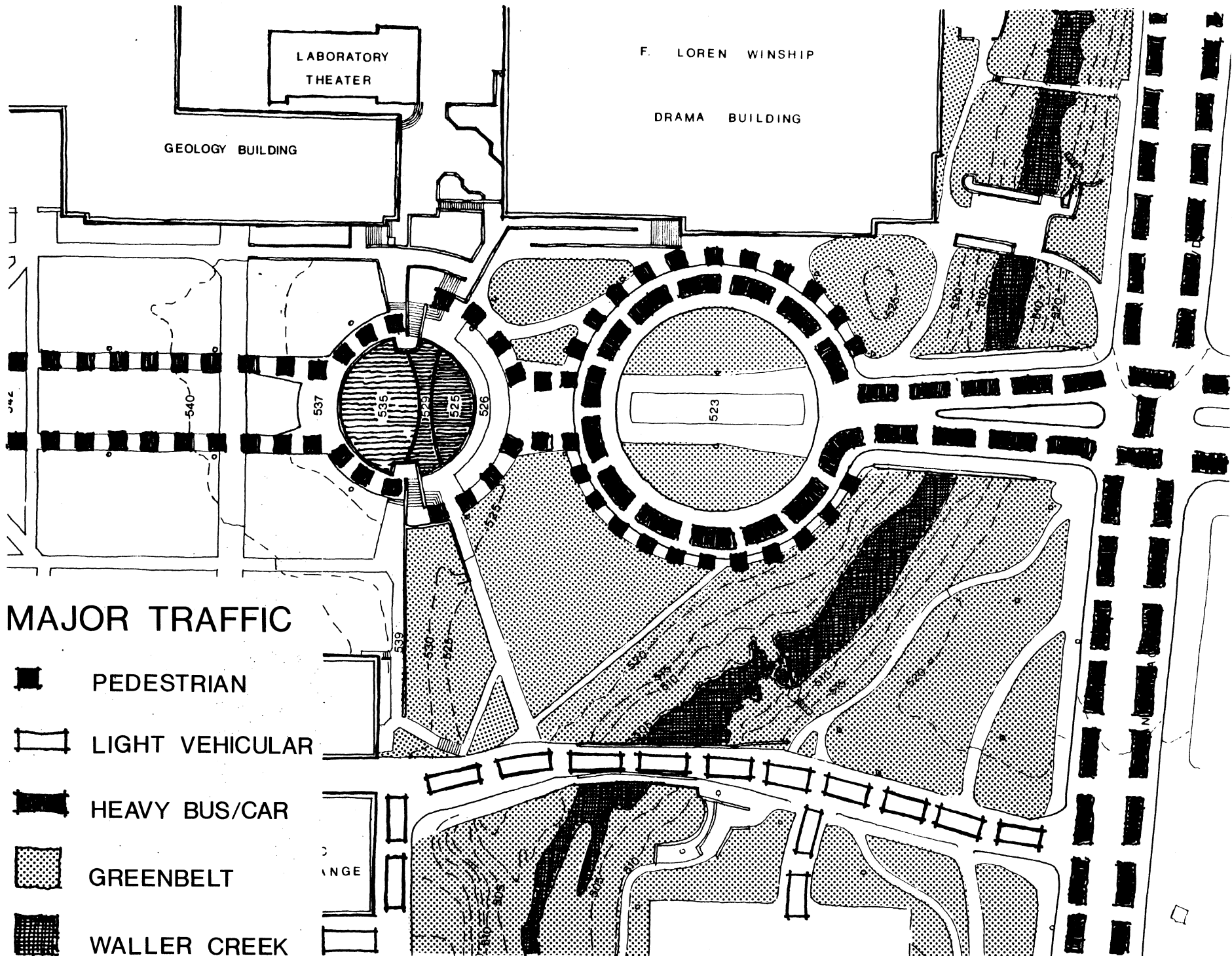
THREE: The circulation function of the pedestrian drop-off must not be interrupted by any proposed construction.








TREE MASSING

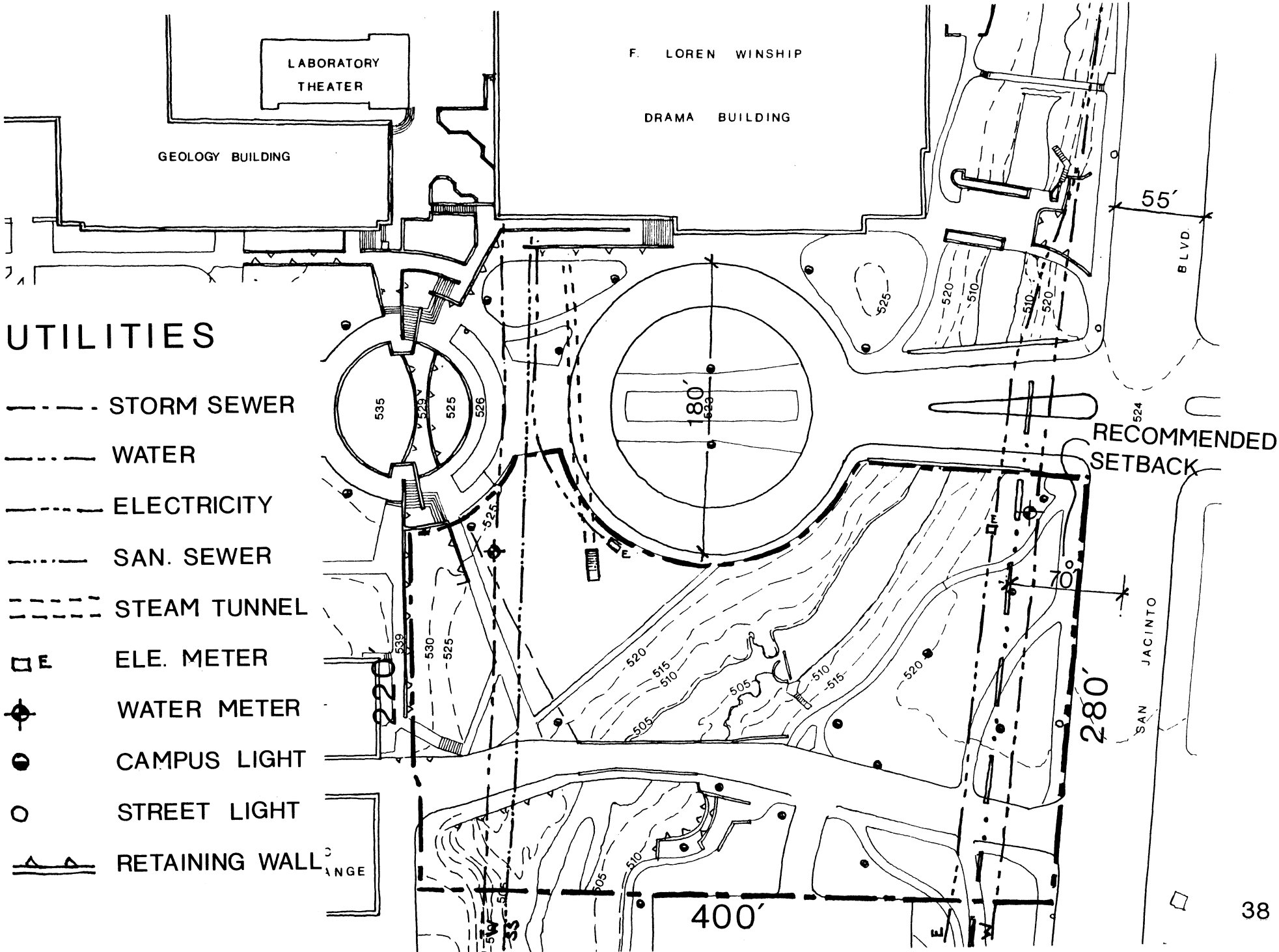
- 1 CEDAR
- 2 CYPRESS
- 3 OAK
- 4 PECAN
- 5 COTTON
- 6 ELM

- L 30'-40' ht.
- M 20'-30' ht.
- S 10'-20' ht.



MAJOR TRAFFIC

-  PEDESTRIAN
-  LIGHT VEHICULAR
-  HEAVY BUS/CAR
-  GREENBELT
-  WALLER CREEK

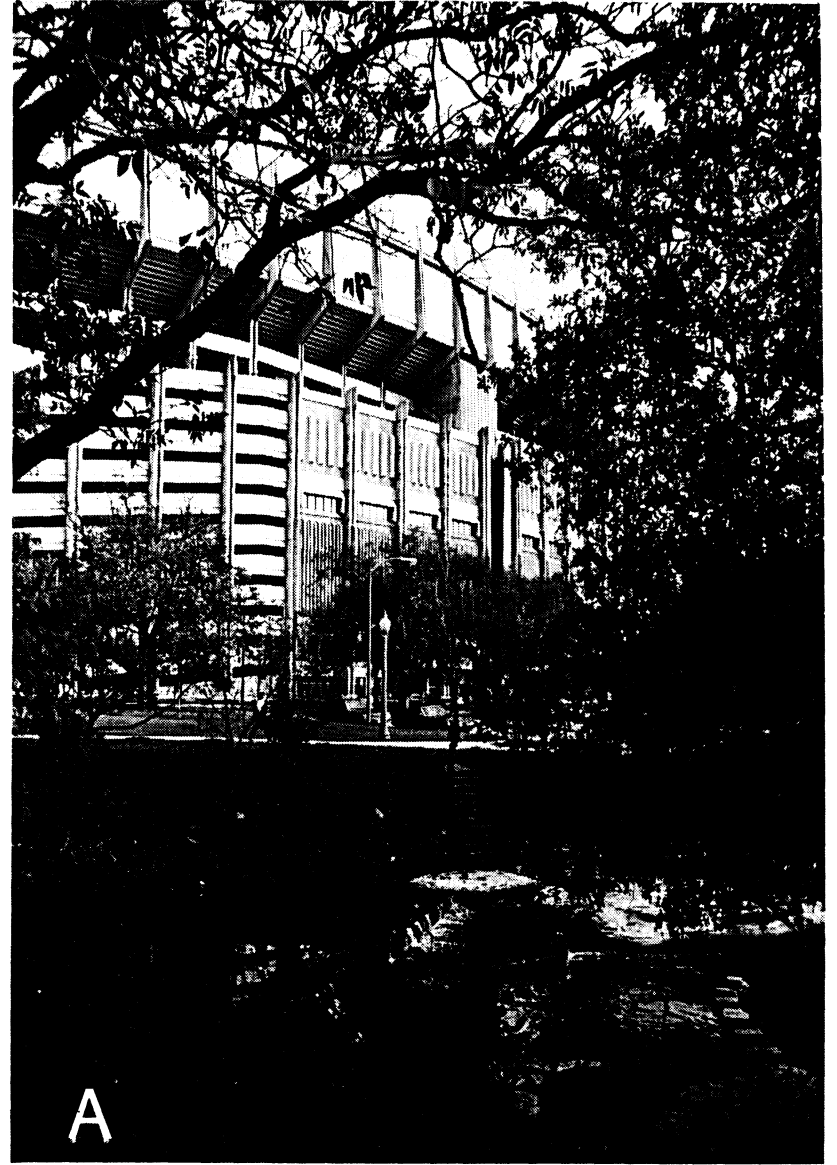
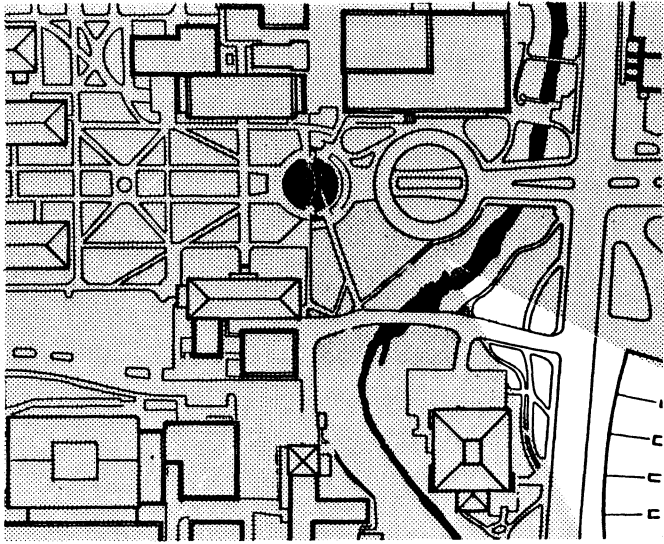


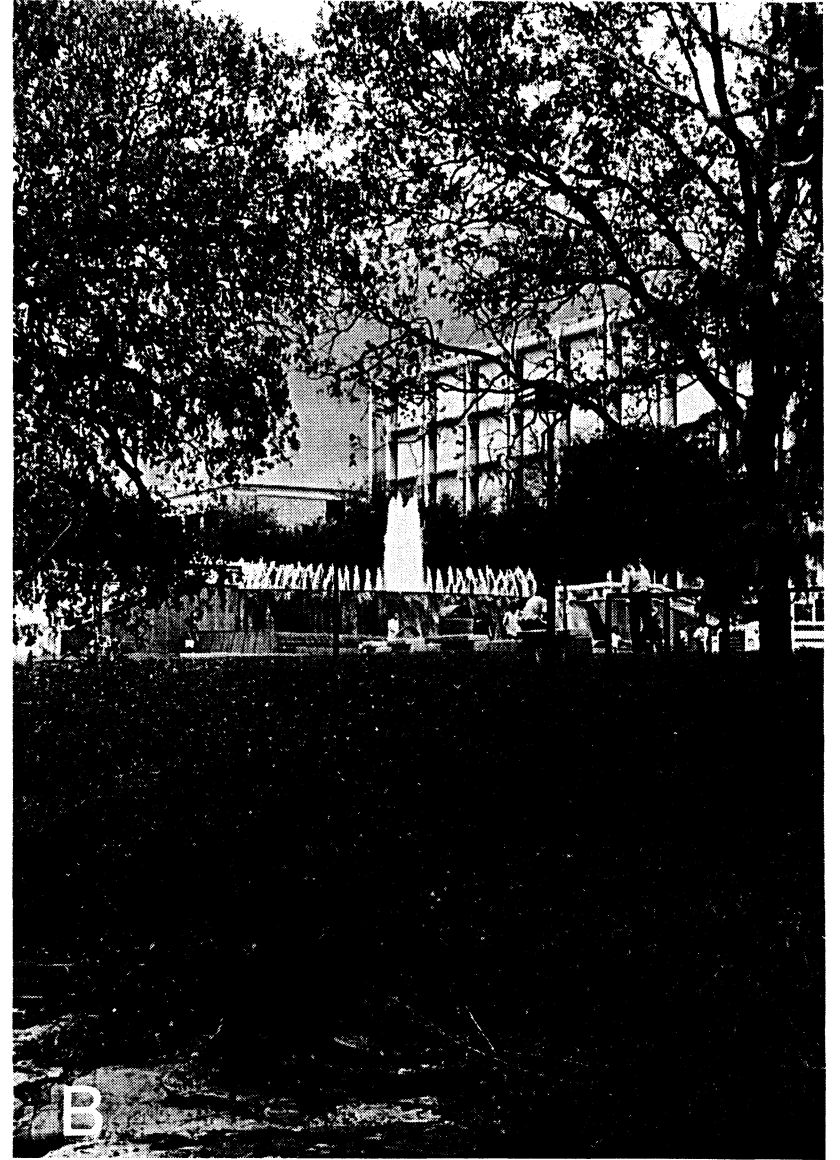
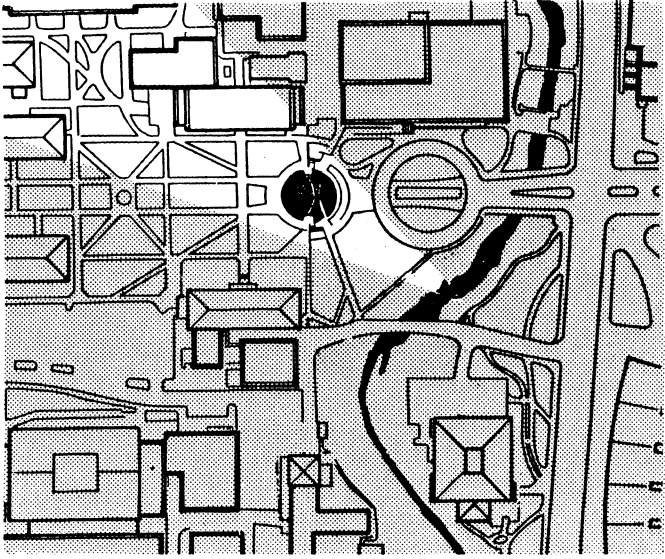
UTILITIES

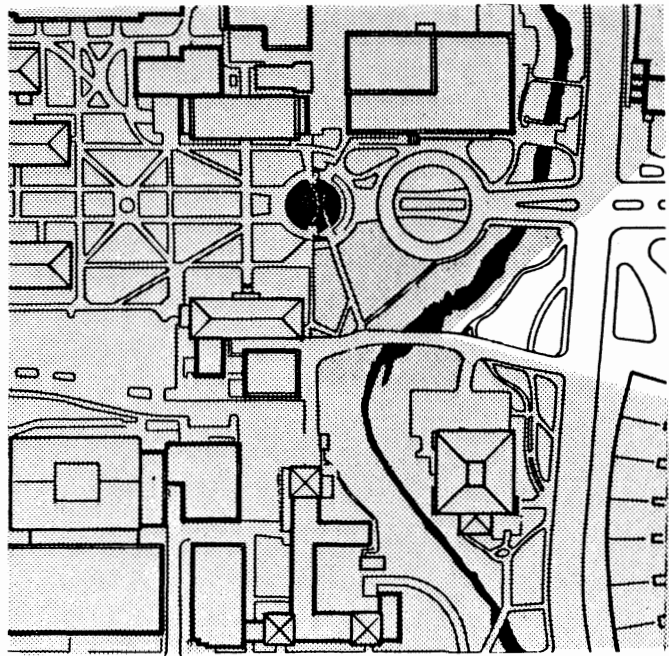
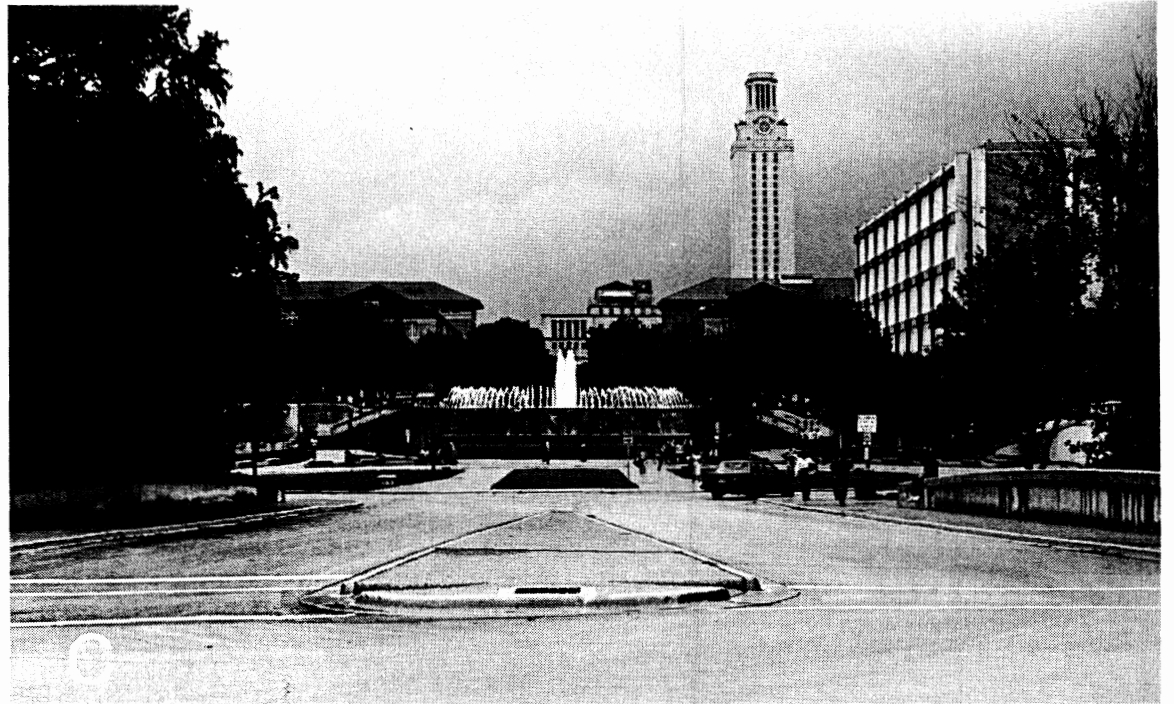
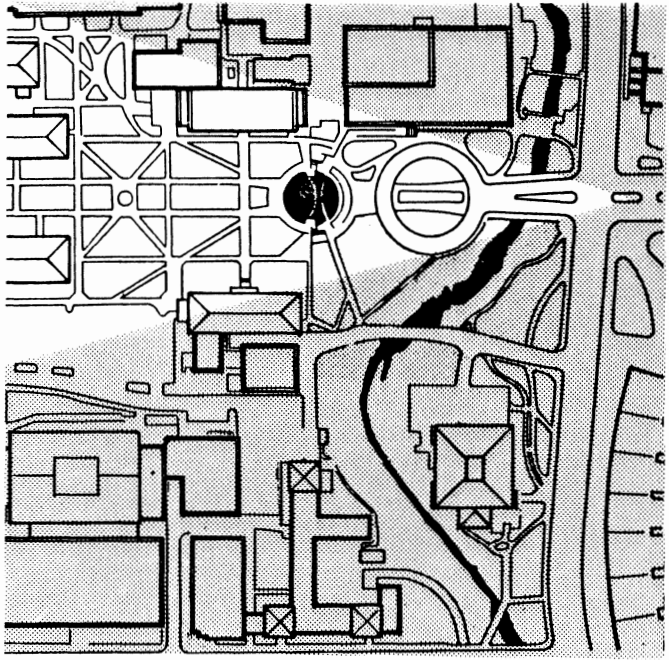
- STORM SEWER
- WATER
- ELECTRICITY
- · - · - SAN. SEWER
- STEAM TUNNEL
- E ELE. METER
- ⊕ WATER METER
- CAMPUS LIGHT
- STREET LIGHT
- ▲ RETAINING WALL

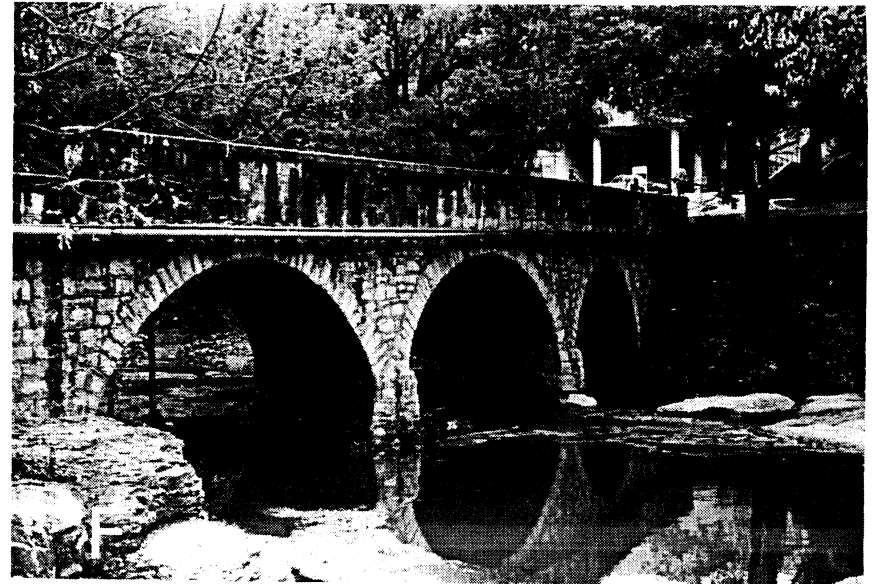
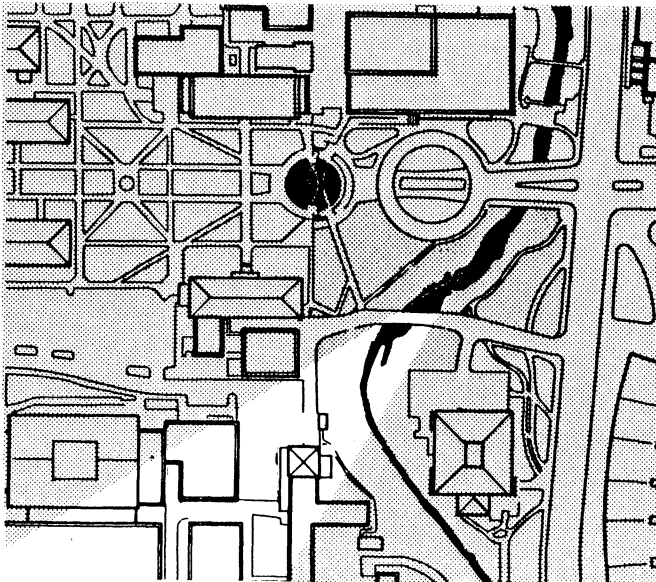
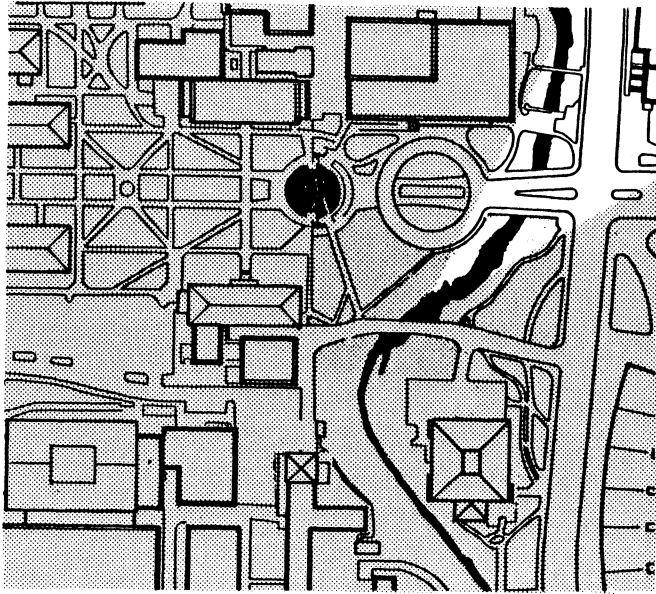
PHOTOGRAPHIC SURVEY

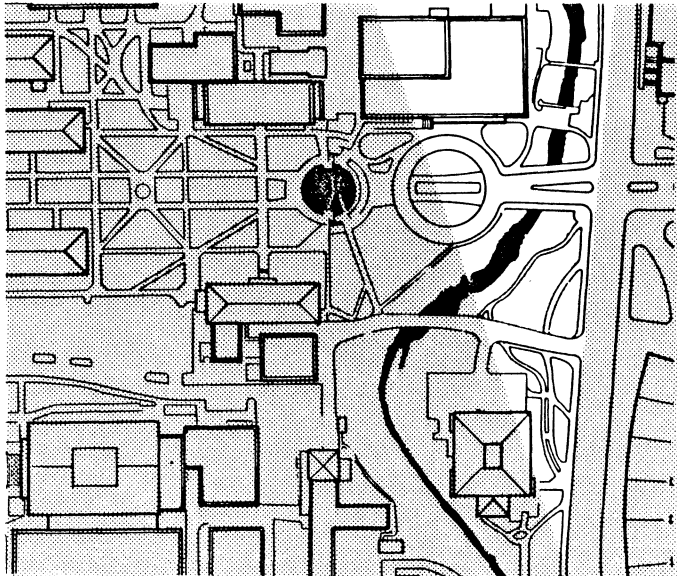
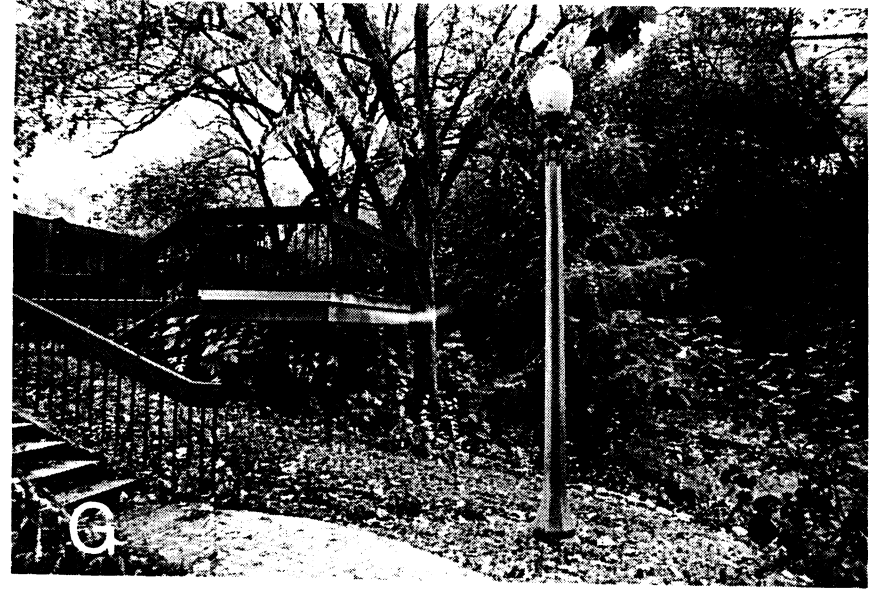
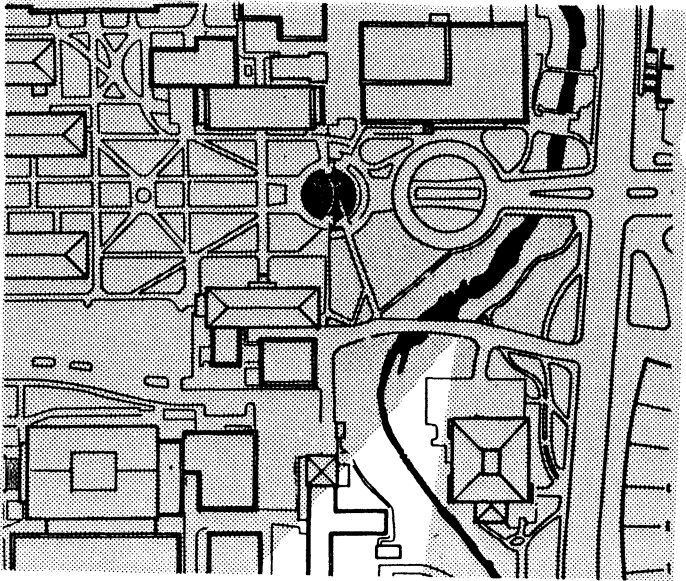
- A VIEW ACROSS WALLER CREEK TO BELMONT HALL
- B VIEW FROM CREEK TO EAST MALL FOUNTAIN
- C VIEW FROM SAN JACINTO & 23 rd LOOKING WEST
- D EASTERN SECTION OF SITE; L.B.J. IN CENTER BACKGROUND
- E VIEW AT CREEK LEVEL
- F VIEW OF EXISTING ACCESS BRIDGE
- G CREEK AND WALK BEHIND ALUMNI CENTER
- H VIEW OF ALUMNI CENTER AND NORTH TO THE SITE



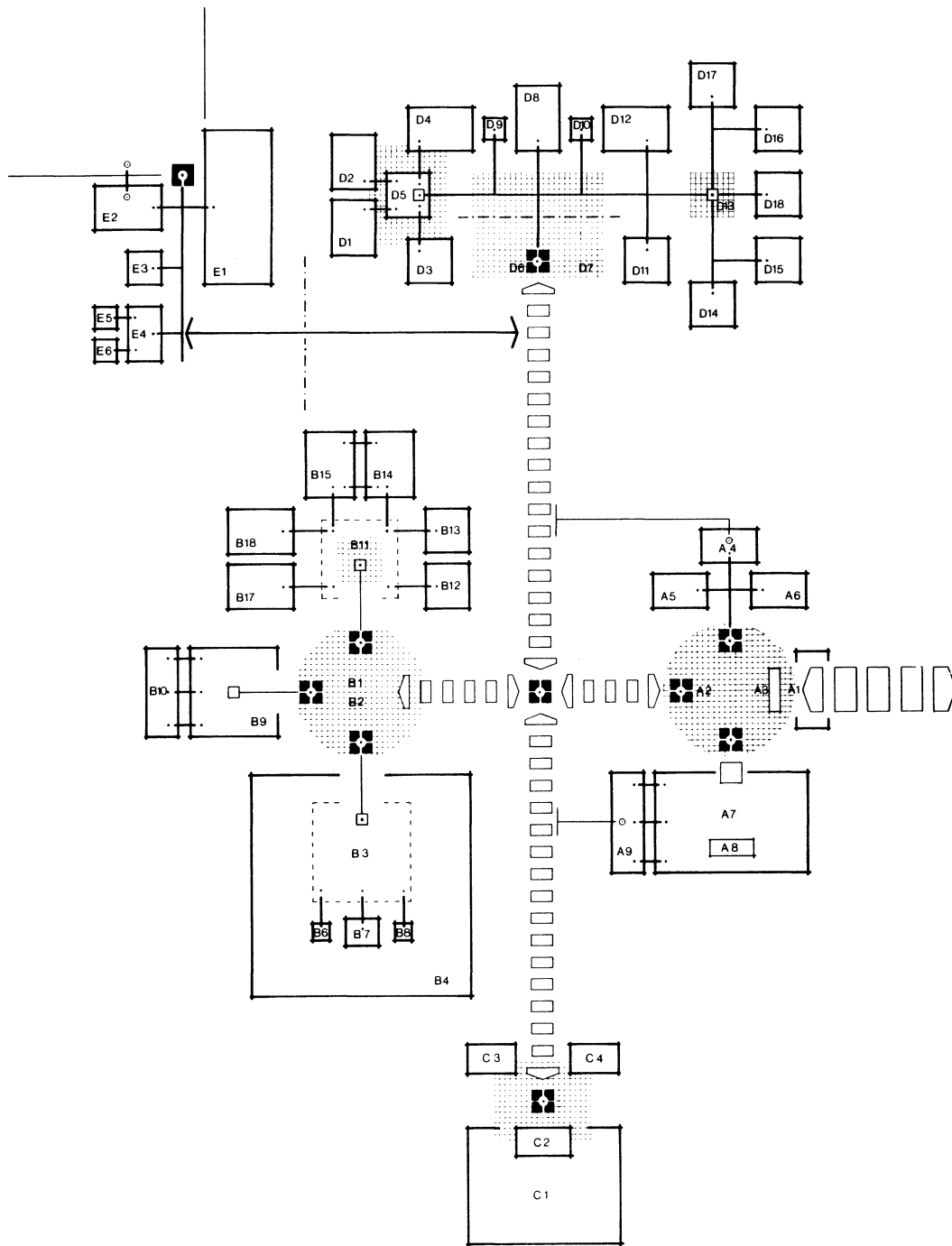








NEEDS & DATA

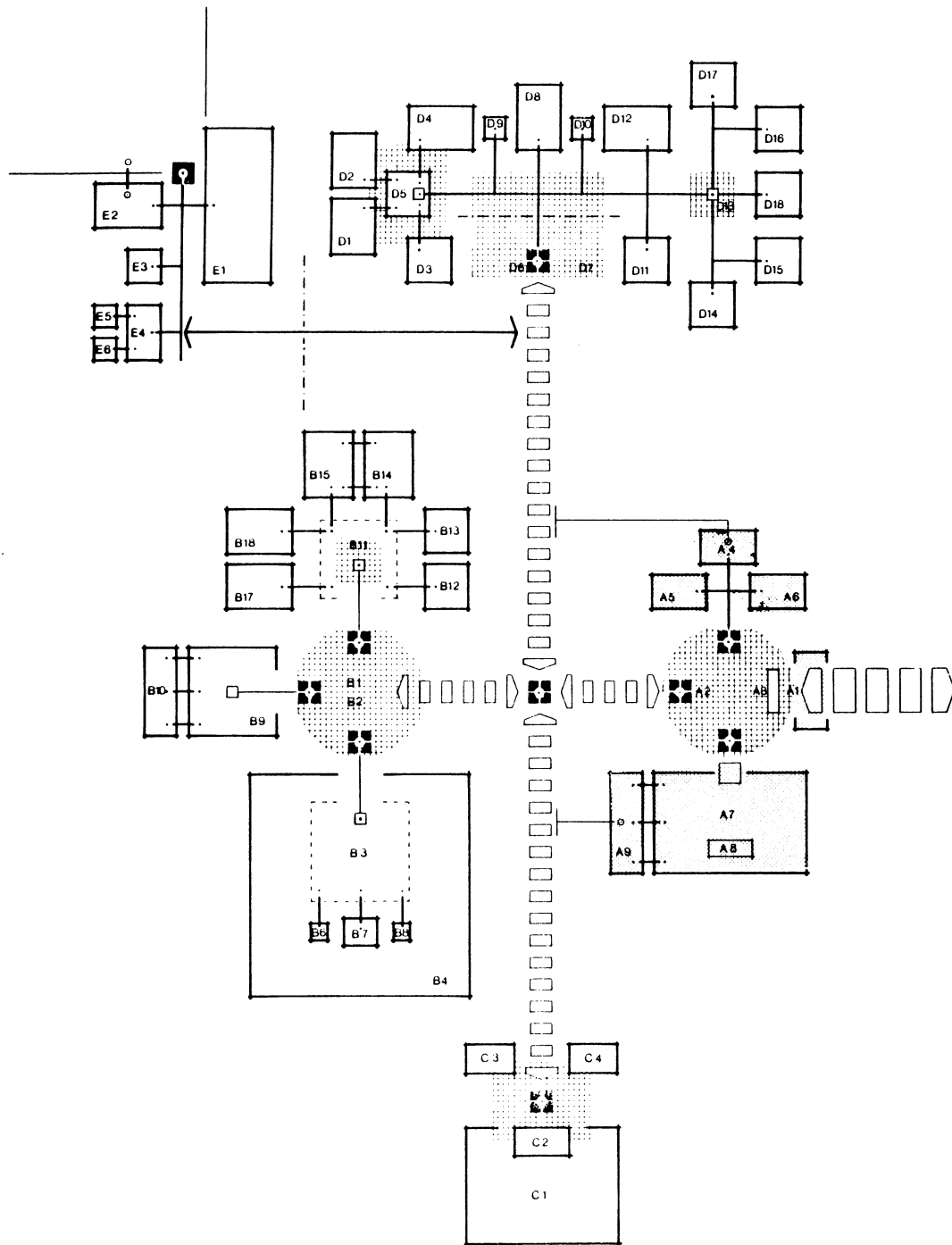


AREA REQUIREMENTS

A	PUBLIC/EXHIBIT	3560 S.F.
B	RESOURCE CENTER	10540 S.F.
C	LECTURE	1600 S.F.
D	ADMINISTRATION	2310 S.F.
E	SERVICE	1400 S.F.

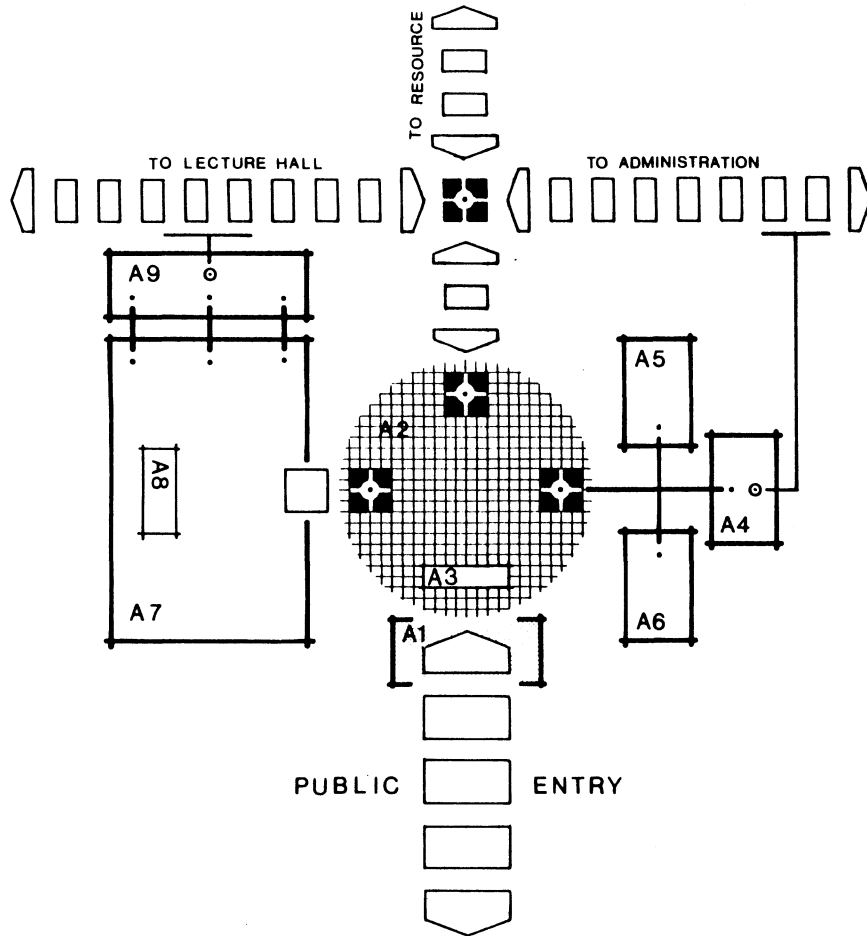
NET SQUARE FOOTAGE 19410 S.F.

GROSS SQUARE FOOTAGE
(125% NET) 24260 S.F.



PUBLIC/EXHIBIT AREAS

A1 ENTRY COURT	200 S.F.
A2 MULTI-PURPOSE LOBBY	1200 S.F.
A3 INFORMATION DESK	60 S.F.
A4 CATERING KITCHEN	100 S.F.
A5 MEN'S TOILET	150 S.F.
A6 WOMEN'S TOILET	150 S.F.
A7 GALLERY	1200 S.F.
A8 EXHIBIT STORAGE	150 S.F.
A9 ARCHIVES	350 S.F.
<hr/>	
NET AREA	3560 S.F.

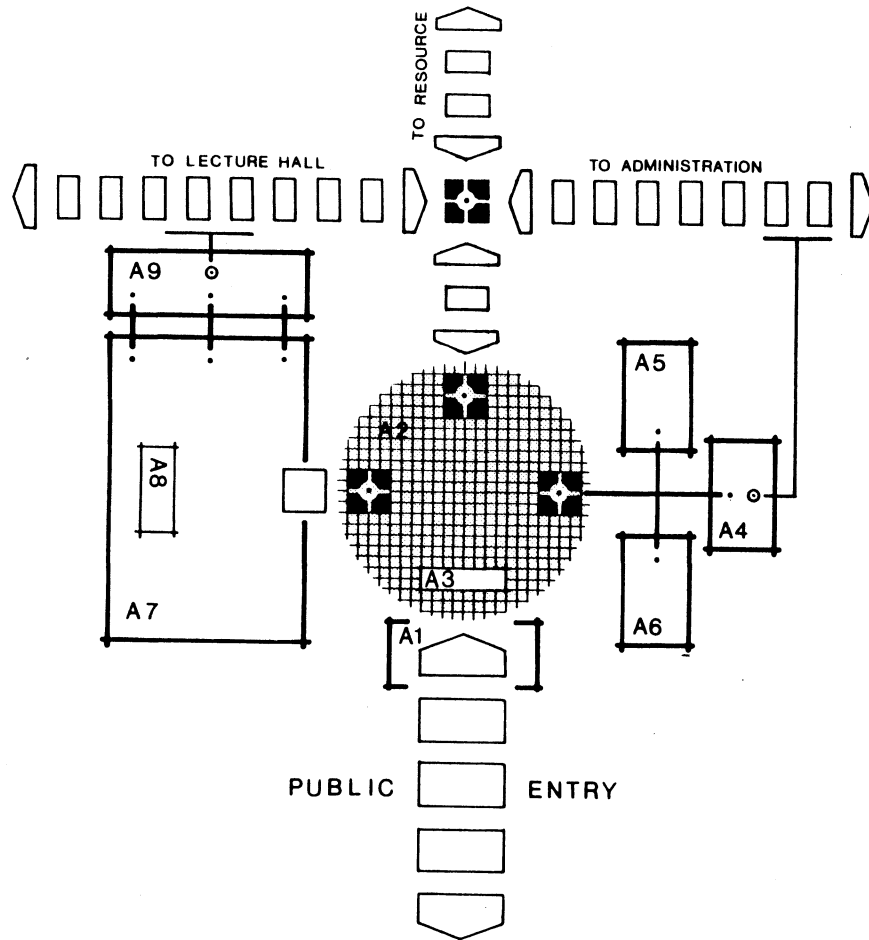


THIS IS GENERALLY THE FIRST IMAGE THE USER GETS OF INTERIOR SPACE SO IT SHOULD SET THE TONE FOR WHAT IS TO COME.

ENTRY COURT

A1

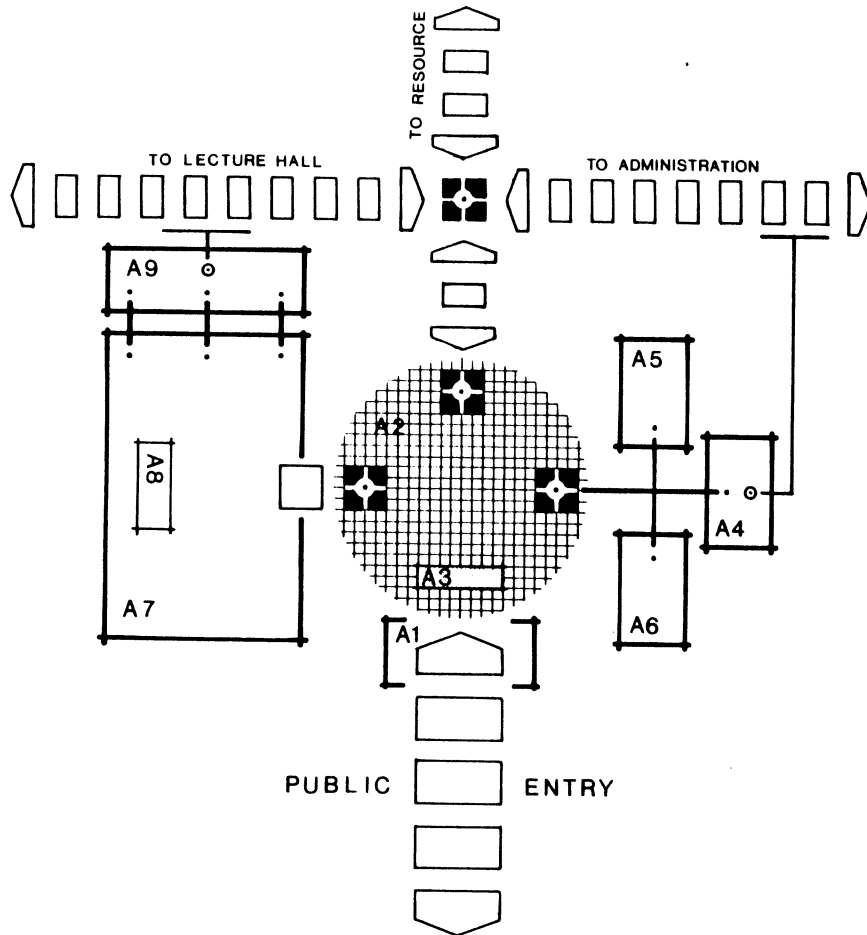
USER	GENERAL PUBLIC STUDENT
ACTIVITIES	ENTRY CIRCULATION
AREA	200 S.F.
IMAGE	OPEN
ADJACENCY	MULTI-PURPOSE LOBBY
APPOINTMENTS	ADJUSTABLE TRACK LIGHTING DISPLAY SURFACES
FINISHES	
WALLS	GWB, TACK SURFACE, SOFT
FLOORS	HARD
CEILINGS	DARK
WINDOWS	TINTED AS NECESSARY
ACOUSTICS	OPEN
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, TRACK LIGHTING
PLUMBING	NONE
SPECIAL	NONE



THIS IS THE MOST FLEXIBLE, OPEN, USABLE SPACE IN THE FACILITY AND MUST BE CAPABLE OF MANY VARIED FUNCTIONS IN A CONSISTENT, QUALITY ENVIRONMENT.

MULTI-PURPOSE LOBBY A2

USER	GENERAL PUBLIC STUDENT												
ACTIVITIES	MULTI-PURPOSE LOBBY SEATING FOR 100												
AREA	1200 S.F.												
IMAGE	OPEN, RICH, STRONG												
APPOINTMENTS	LOUNGE SEATING (12) DISPLAY SURFACES ADJ. SEATING FOR 100 WATER FOUNTAIN (2)												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TACK SURFACE</td> </tr> <tr> <td>FLOORS</td> <td>HARD, WEAR RESISTANT</td> </tr> <tr> <td>CEILINGS</td> <td>ARCHITECTURAL</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED AS NECESSARY</td> </tr> <tr> <td>ACOUSTICS</td> <td>OPEN, HARD</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TACK SURFACE	FLOORS	HARD, WEAR RESISTANT	CEILINGS	ARCHITECTURAL	WINDOWS	TINTED AS NECESSARY	ACOUSTICS	OPEN, HARD	COLOR	NEUTRAL
WALLS	GWB, TACK SURFACE												
FLOORS	HARD, WEAR RESISTANT												
CEILINGS	ARCHITECTURAL												
WINDOWS	TINTED AS NECESSARY												
ACOUSTICS	OPEN, HARD												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, TRACK LIGHTING</td> </tr> <tr> <td>PLUMBING</td> <td>WATER FOUNTAINS (2)</td> </tr> <tr> <td>SPECIAL</td> <td>SOUND SYSTEM</td> </tr> </table>	HVAC	GENERAL	LIGHTING	NATURAL, TRACK LIGHTING	PLUMBING	WATER FOUNTAINS (2)	SPECIAL	SOUND SYSTEM				
HVAC	GENERAL												
LIGHTING	NATURAL, TRACK LIGHTING												
PLUMBING	WATER FOUNTAINS (2)												
SPECIAL	SOUND SYSTEM												



EXIT SECURITY AND ACCESS CONTROL IS HANDLED AT THIS POINT AS WELL AS GENERAL BUILDING INFORMATION.

INFORMATION DESK A3

USER INFORMATION PERSONNEL

ACTIVITIES INFORMATION/RECEPTION

AREA 60 S.F.

IMAGE OPEN

ADJACENCY MULTI-PURPOSE LOBBY

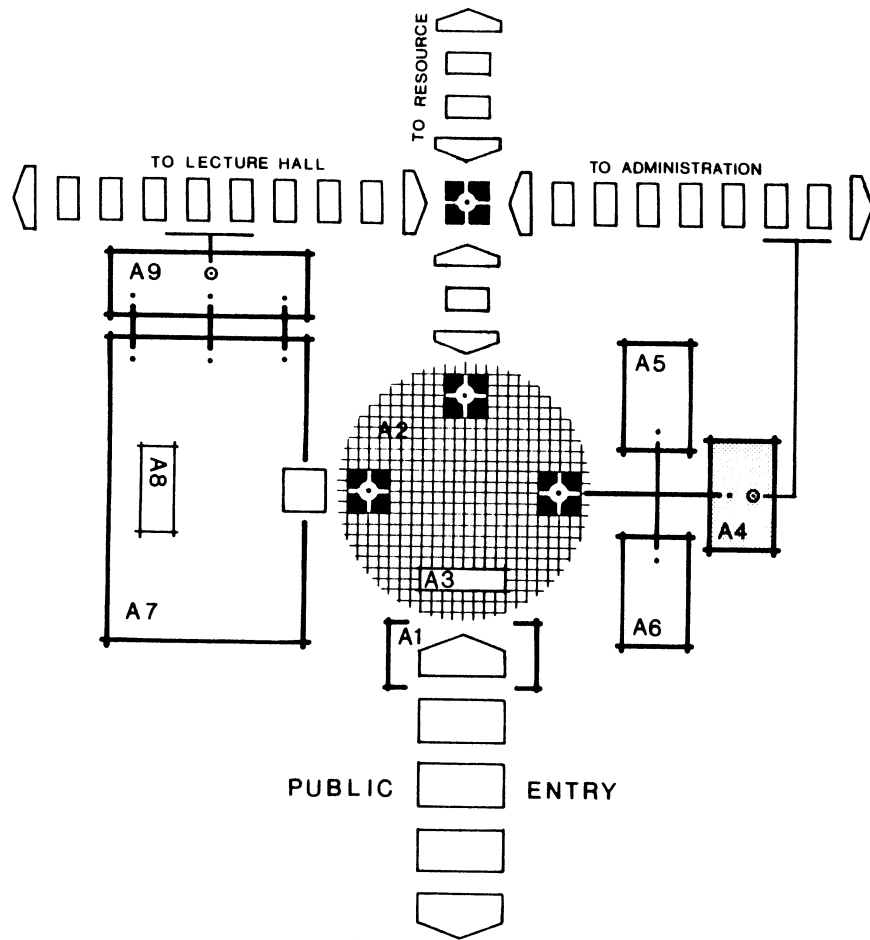
APPOINTMENTS RECEPTION DESK (1)
TELEPHONE (1)
SEATING AS NECESSARY

FINISHES

WALLS	NONE
FLOORS	HARD
CEILINGS	OPEN
WINDOWS	NONE
ACOUSTICS	OPEN, HARD
COLOR	NEUTRAL

SYSTEMS

HVAC	GENERAL
LIGHTING	NATURAL, TRACK LIGHTING
PLUMBING	NONE
SPECIAL	NONE

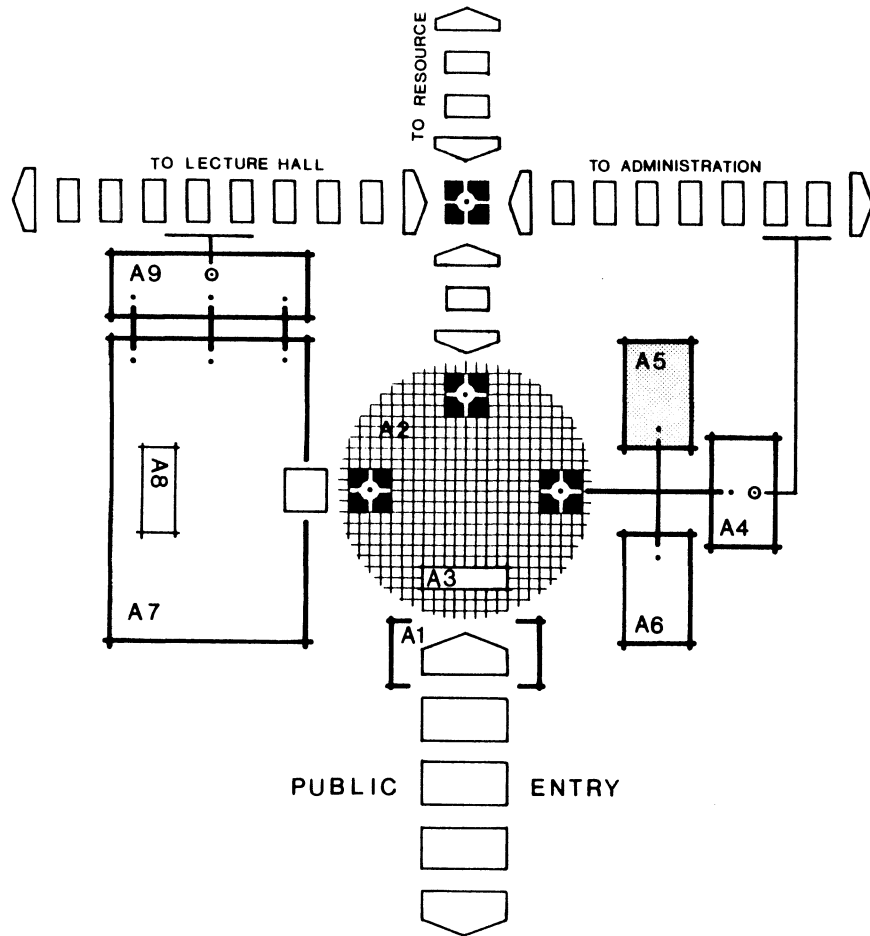


THIS IS A FUNCTIONAL SPACE WHICH CAN BOTH BE PARTIALLY CONCEALED OR OPENED TO THE LOBBY.

CATERING KITCHEN

A4

USER	CATERING PERSONNEL STAFF
ACTIVITIES	GENERAL FOOD PREPARATION COFFEE BAR
AREA	100 S.F.
IMAGE	SECLUDED, CLOSABLE
ADJACENCY	
APPOINTMENTS	SERVING COUNTER 12 L.F. PREP. COUNTERS 12 L.F. CONVECTION/MICROWAVE OVEN COFFEE MACHINE (2) VENDING MACHINES (2)
FINISHES	
WALLS	GWB, MOISTURE PROOF
FLOORS	HARD, WEAR RESISTANT
CEILINGS	GWB, MOISTURE PROOF
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	HOT, COLD, SEWER
SPECIAL	HEAT/FUME REMOVAL

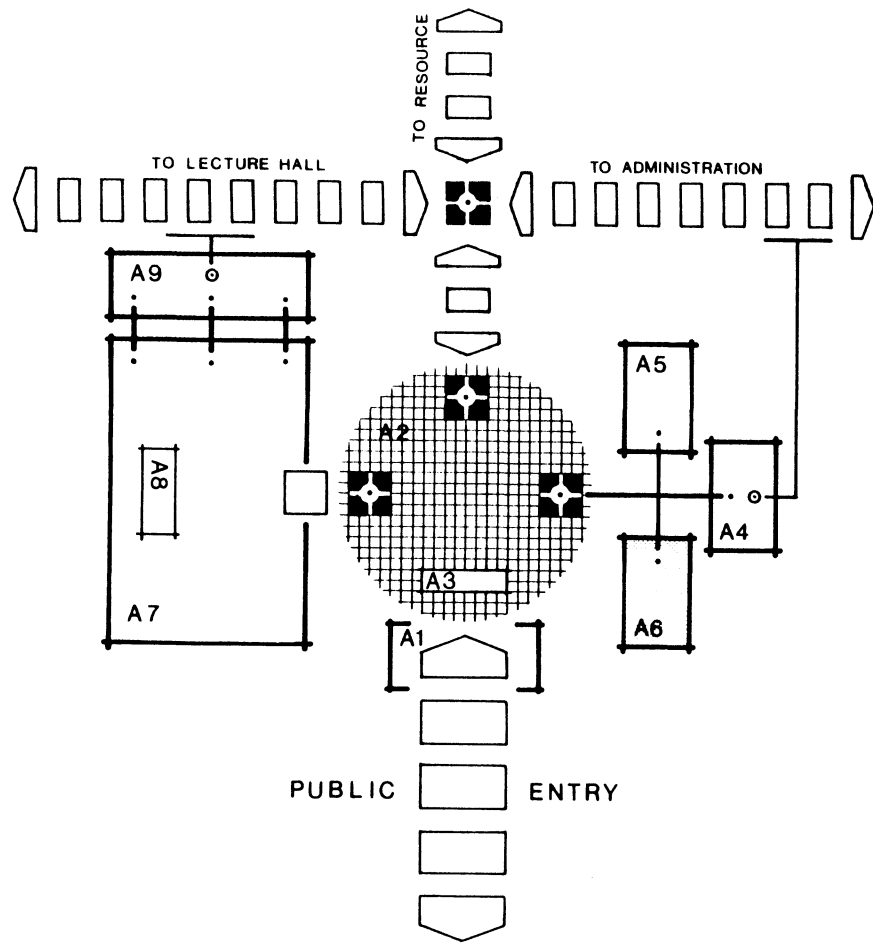


THIS IS A PUBLIC TOILET; PLANNING SHOULD BE SPACIOUS, COMFORTABLE, AND TASTEFULLY FINISHED.

MEN'S TOILET

A5

USER	MALE PUBLIC												
ACTIVITIES	PUBLIC TOILET FACILITIES												
AREA	150 s.f.												
IMAGE	EFFICIENT												
ADJACENCY	LOBBY, VENDING AREA												
APPOINTMENTS	3 URINALS 2 W.C.'S 3 LAVATORIES TOWEL DISPENSERS HAND BLOWERS												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TILE</td> </tr> <tr> <td>FLOORS</td> <td>HARD, EFFICIENT</td> </tr> <tr> <td>CEILINGS</td> <td>HARD, MOISTURE PROOF</td> </tr> <tr> <td>WINDOWS</td> <td>NONE</td> </tr> <tr> <td>ACOUSTICS</td> <td>HARD</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TILE	FLOORS	HARD, EFFICIENT	CEILINGS	HARD, MOISTURE PROOF	WINDOWS	NONE	ACOUSTICS	HARD	COLOR	NEUTRAL
WALLS	GWB, TILE												
FLOORS	HARD, EFFICIENT												
CEILINGS	HARD, MOISTURE PROOF												
WINDOWS	NONE												
ACOUSTICS	HARD												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>GENERAL</td> </tr> <tr> <td>PLUMBING</td> <td>HOT, COLD, SEWER</td> </tr> <tr> <td>SPECIAL</td> <td>FUME REMOVAL</td> </tr> </table>	HVAC	GENERAL	LIGHTING	GENERAL	PLUMBING	HOT, COLD, SEWER	SPECIAL	FUME REMOVAL				
HVAC	GENERAL												
LIGHTING	GENERAL												
PLUMBING	HOT, COLD, SEWER												
SPECIAL	FUME REMOVAL												



THIS IS A PUBLIC TOILET; PLANNING SHOULD BE SPACIOUS AND TASTEFULLY FINISHED.

WOMEN'S TOILET

A6

USER	FEMALE PUBLIC
ACTIVITIES	PUBLIC TOILET FACILITIES
AREA	150 S.F.
IMAGE	EFFICIENT
ADJACENCY	LOBBY, VENDING AREA
APPOINTMENTS	4 W.C.'S 3 LAVATORIES TOWEL DISPENSERS HAND BLOWERS
FINISHES	
WALLS	GWB, TILE
FLOORS	HARD, EFFICIENT
CEILINGS	HARD, MOISTURE PROOF
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	HOT, COLD, SEWER
SPECIAL	FUME REMOVAL

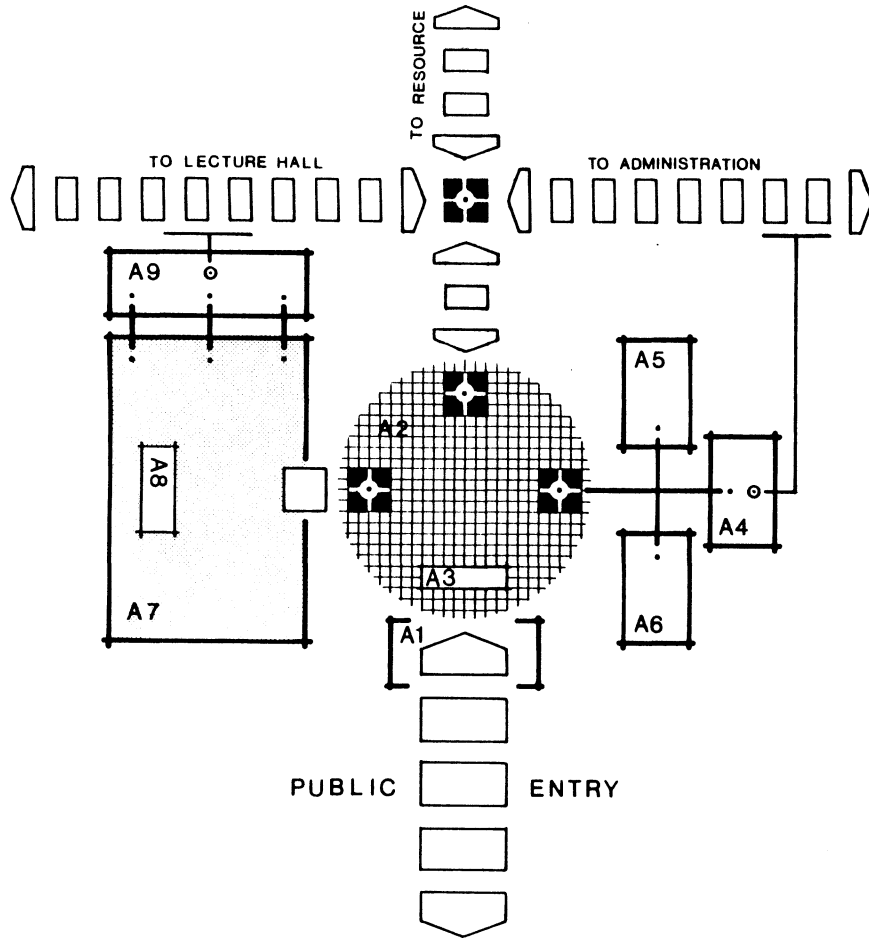
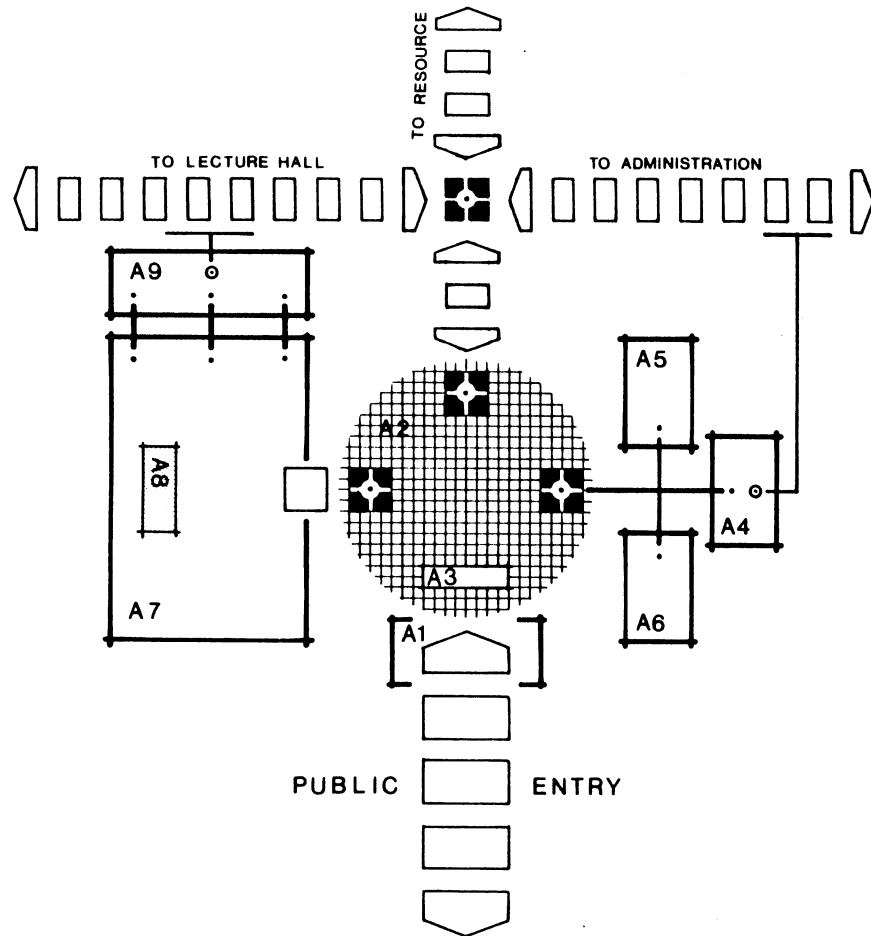


EXHIBIT SPACE SHOULD BE TOTALLY FLEXIBLE WITH HIGH CEILINGS, MOVABLE PARTITIONS, MOVEABLE TRACK LIGHTING AND MAXIMUM VISIBILITY TO THE EXTERIOR.

GALLERY

A7

USER	GENERAL PUBLIC/STUDENTS
ACTIVITIES	PERMANENT EXHIBITS TEMPORARY EXHIBITS
AREA	1200 S.F.
IMAGE	OPEN, RICH, INVITING
ADJACENCY	MULTI PURPOSE LOBBY
APPOINTMENTS	TACK SURFACING LOCKED DISPLAY CASES PEDESTAL DISPLAY MOVABLE PARTITIONS
FINISHES	WALLS GWB, TACK SURFACE FLOORS HARD AS TO TASTE CEILINGS FLEXIBLE GRID WINDOWS TINTED AS NECESSARY ACOUSTICS SOFT COLOR NEUTRAL
SYSTEMS	HVAC GENERAL, HUMIDITY CONTROL LIGHTING TRACK LGHT., FIXED COVE PLUMBING NONE SPECIAL SECURITY SYSTEMS

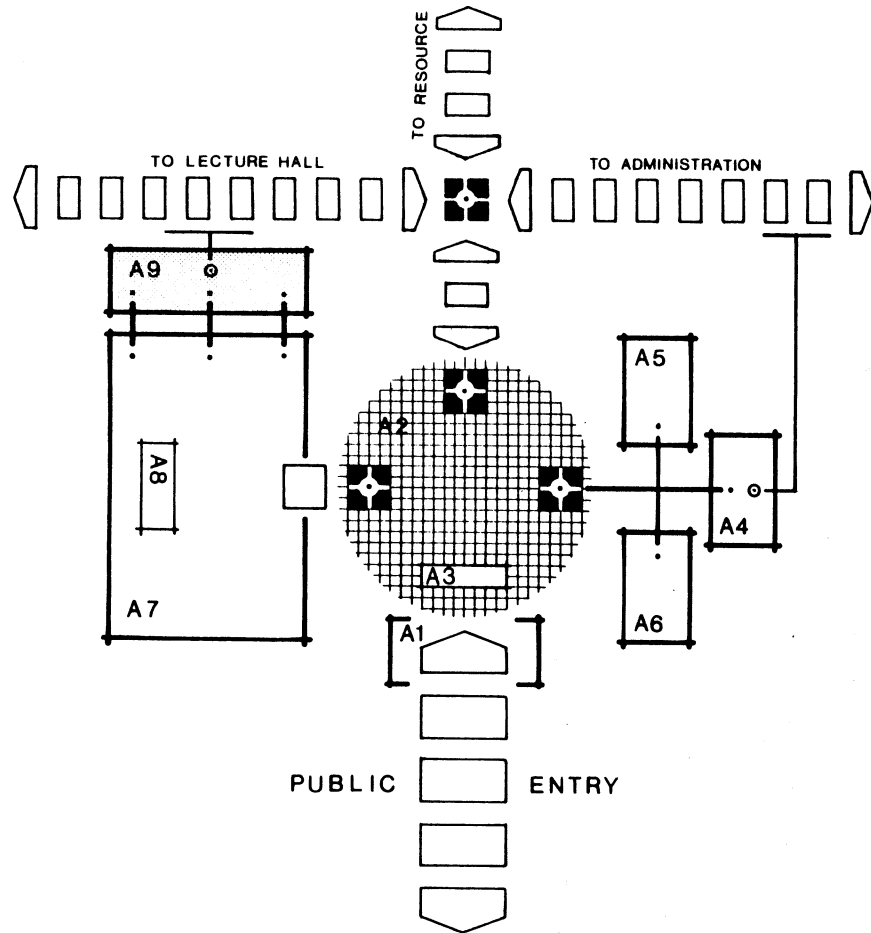


OPEN SHELVING PROVIDES STORAGE FOR EXHIBIT SUPPORT MATERIALS READILY ACCESSIBLE TO THE GALLERY.

EXHIBIT STORAGE

A8

USER	EXHIBIT STAFF
ACTIVITIES	EXHIBIT STORAGE
AREA	150 S.F.
IMAGE	SIMPLE
ADJACENCY	GALLERY
APPOINTMENTS	WALL SHELVING 100 L.F. 4 DRAWER FILE (1) SMALL WORK TABLE (1)
FINISHES	
WALLS	GWB
FLOORS	HARD
CEILINGS	GWB
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL, HUMIDITY CONTROL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE

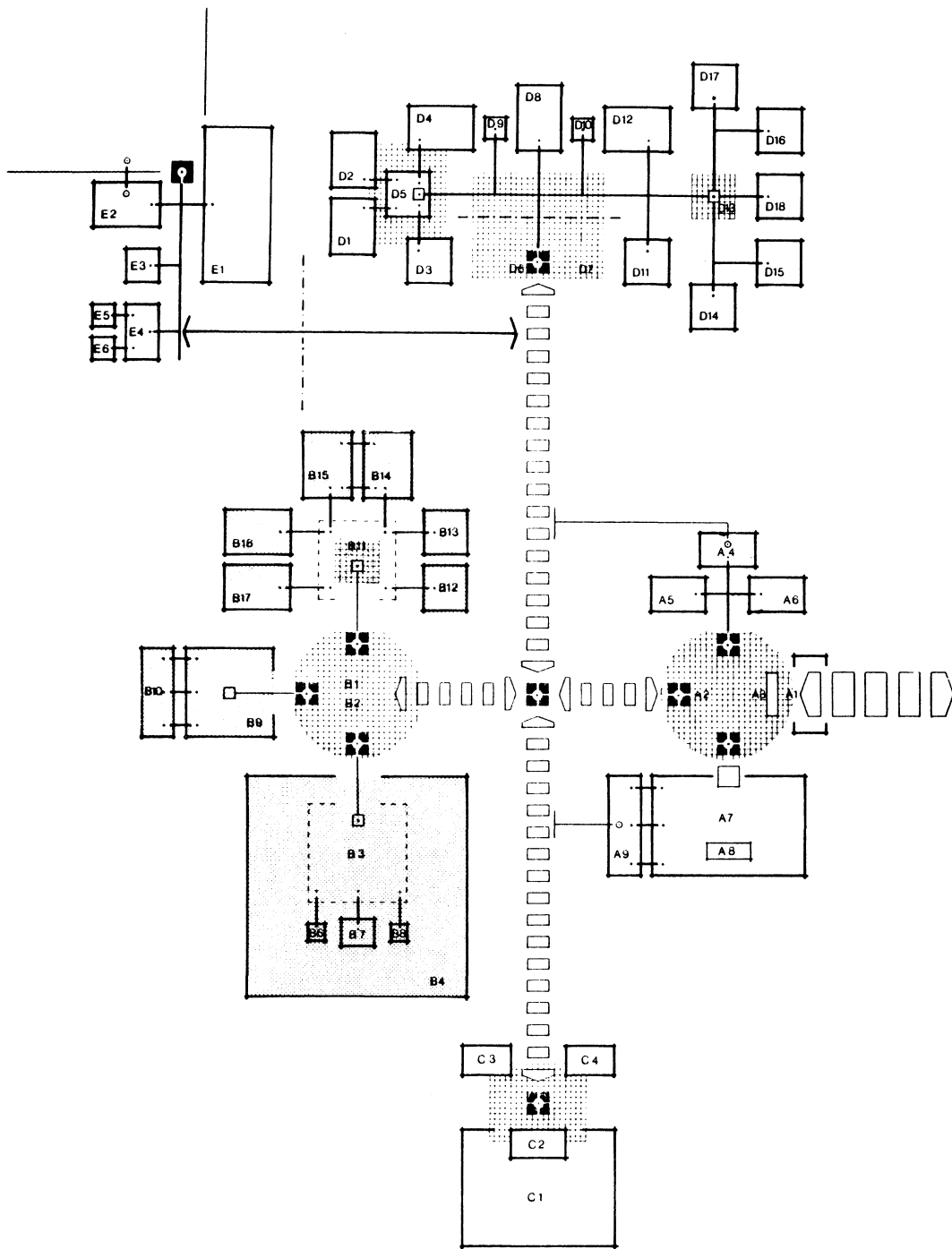


PERMANENT CONTRIBUTIONS TO THE CENTER'S GALLERY MAY NEED STORAGE DURING ROTATION OF EXHIBITS AS WELL AS WORK SPACE FOR EXHIBIT STAGING.

ARCHIVES

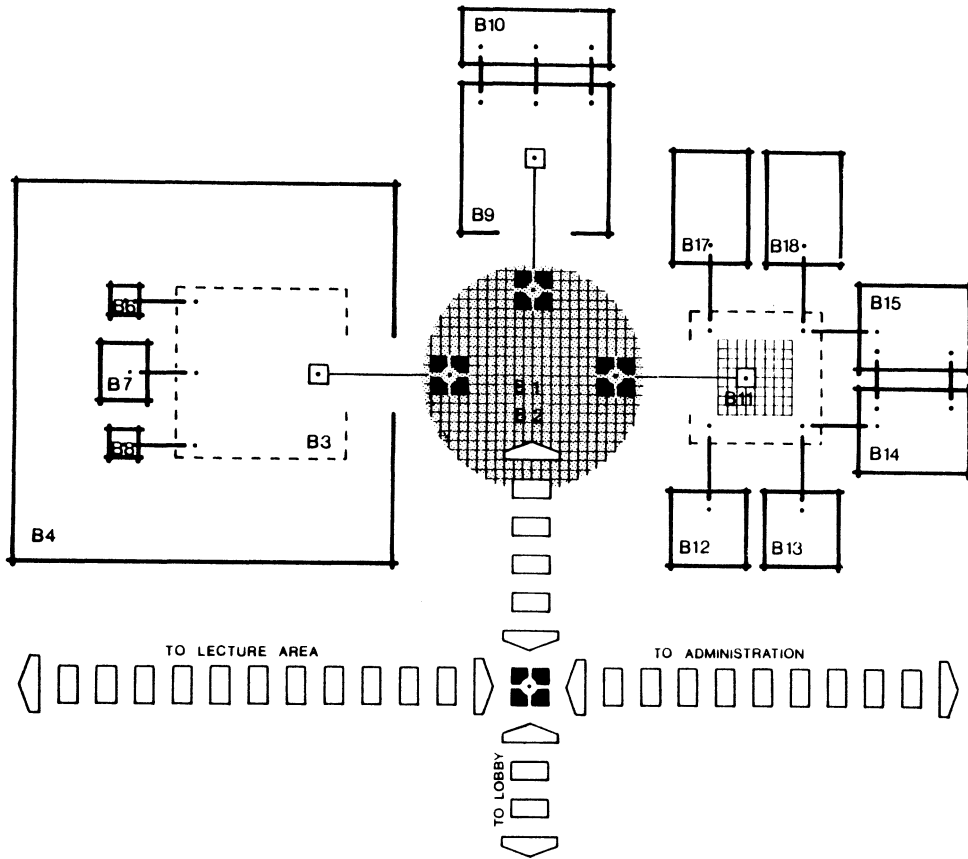
A9

USER:	AUTHORIZED STAFF
ACTIVITIES:	CONTROLLED ARCHIVES DISPLAY STAGING
AREA:	350 S.F.
IMAGE:	CLOSED, SECURE
ADJACENCY:	GALLERY, SERVICE
APPOINTMENTS:	WALL SHELVING 200 L.F. PAINTING STORAGE SMALL VAULT 4 X 8 WORK TABLE TOOL STORAGE
FINISHES:	
WALLS	GWB
FLOORS	HARD
CEILINGS	GWB
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS:	
HVAC	GENERAL, HUMIDITY CONTROL
LIGHTING	GENERAL, TRACK
PLUMBING	NONE
SPECIAL	SECURITY SYSTEMS



THE RESOURCE CENTER

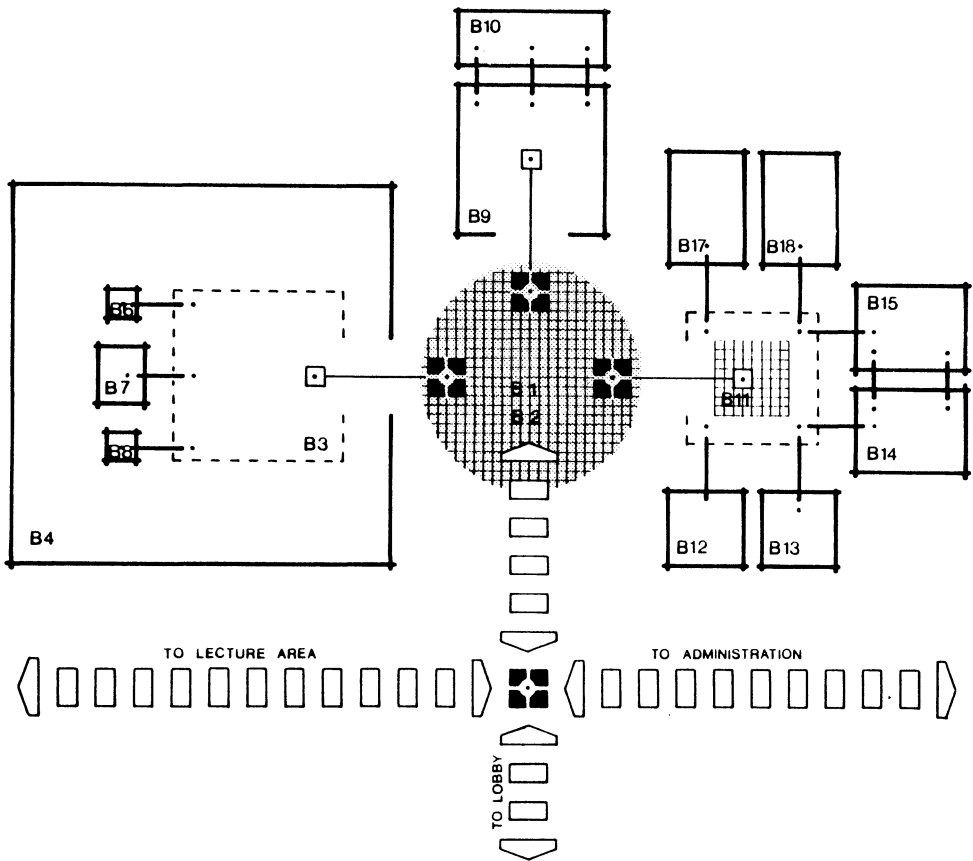
B1	RESOURCE LIBRARIAN	150 S.F.
B2	CIRCULATION DESK	100 S.F.
B3	READING ROOM	400 S.F.
B4	STACKS	8000 S.F.
B5	STORAGE	180 S.F.
B6&8	STUDY ROOM - 2	100 S.F.
B7	GROUP STUDY ROOM 6-8 PEOPLE	100 S.F.
B9	PERIODICALS LOUNGE	300 S.F.
B10	PERIODICALS STORAGE	150 S.F.
B11	AUDIO/VISUAL LIBRARIAN	180 S.F.
B12	OUTREACH COORDINATOR	150 S.F.
B13	ASSISTANT LIBRARIAN	150 S.F.
B14	DARKROOM	200 S.F.
B15	WORKROOM	200 S.F.
B16	ARCHIVES	150 S.F.
B17	VIEWING ROOM	180 S.F.
NET AREA		10540 S.F.



THE RESOURCE AREA AND CIRCULATION DESK SHOULD BE DIRECTLY ACCESSIBLE WHILE MAINTAINING ADEQUATE SEPARATION FROM ACTIVITY.

RESOURCE LIBRARIAN B1&13

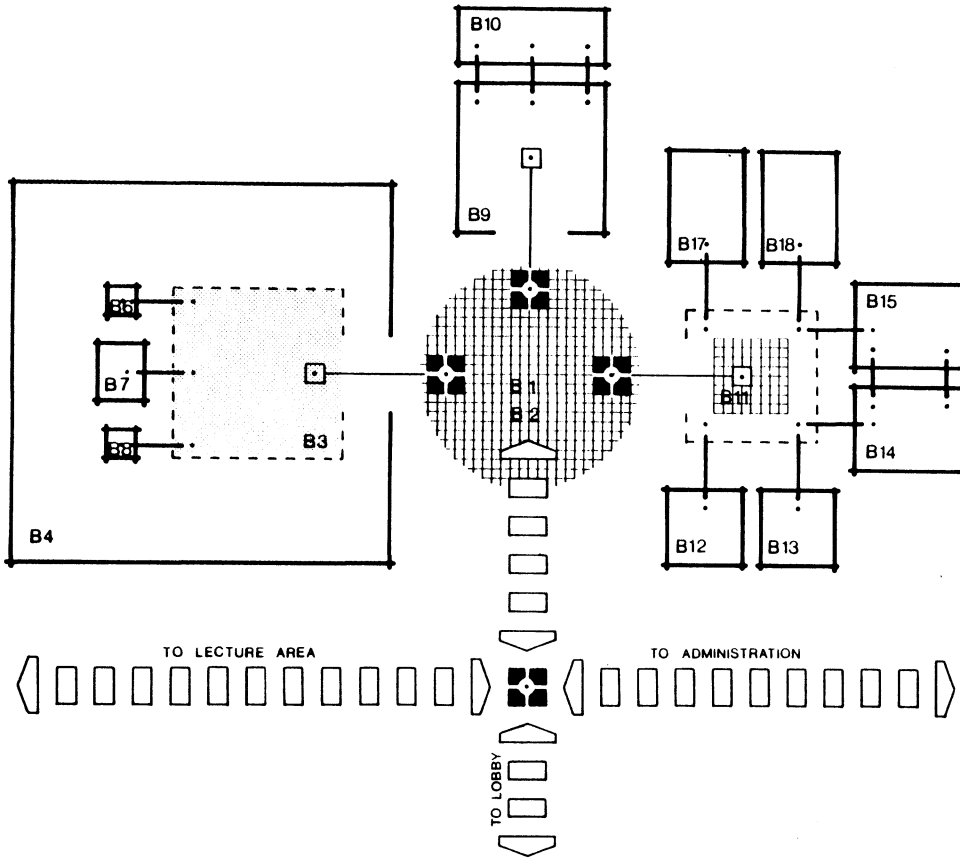
USER	ASSISTANT TO COORDINATOR
ACTIVITIES	GENERAL OFFICE LIBRARY OPERATIONS
AREA	100 S.F.
IMAGE	SIMPLE, WARM, EFFICIENT
ADJACENCY	CIRCULATION DESK
APPOINTMENTS	EXECUTIVE DESK (1) ELECTRONIC CATALOGING (1) SHELVES/STORAGE WALL FILES
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC DROP
WINDOWS	TINTED AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GEN. FLOURESCENT
PLUMBING	NONE
SPECIAL	NONE



THIS AREA SERVES AS LIBRARY CONTROL AND INFORMATION WITH ELECTRONIC CATALOGING LINKED INTO THE UNIVERSITY SYSTEM.

CIRCULATION DESK B 2

USER	LIBRARY WORK STUDY
ACTIVITIES	LIBRARY CONTROL INFO.
AREA	150 S.F.
IMAGE	SIMPLE, WARM, EFFICIENT
ADJACENCY	STACKS, LOBBY
APPOINTMENTS	WORK DESK (1) SEATING (2) RESERVE STORAGE 20 L.F.
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE



THE READING AREA IS THE VITAL HEART OF THE RESOURCE CENTER, INFORMAL EXCHANGE IS ENCOURAGED BUT DIRECT CONTROL MUST BE MAINTAINED FROM THE CIRCULATION DESK

READING ROOM

B 3

USER STUDENT/FACULTY/PUBLIC

ACTIVITIES GENERAL READING
INFORMAL DISCUSSION

AREA 400 S.F.

IMAGE SIMPLE, OPEN, INFORMAL

ADJACENCY CIRCULATION DESK

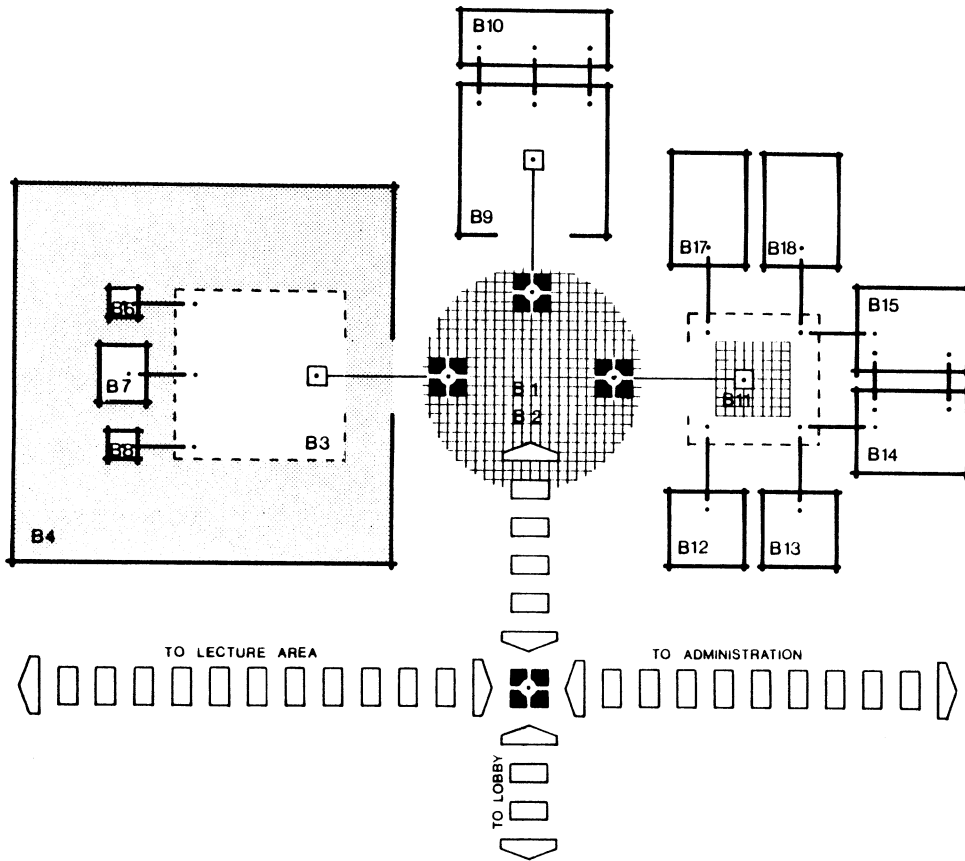
APPOINTMENTS 4 LARGE STUDY TABLES
SEATING FOR 32
WALL DISPLAY

FINISHES

WALLS	GWB, TACK SURFACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL

SYSTEMS

HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE

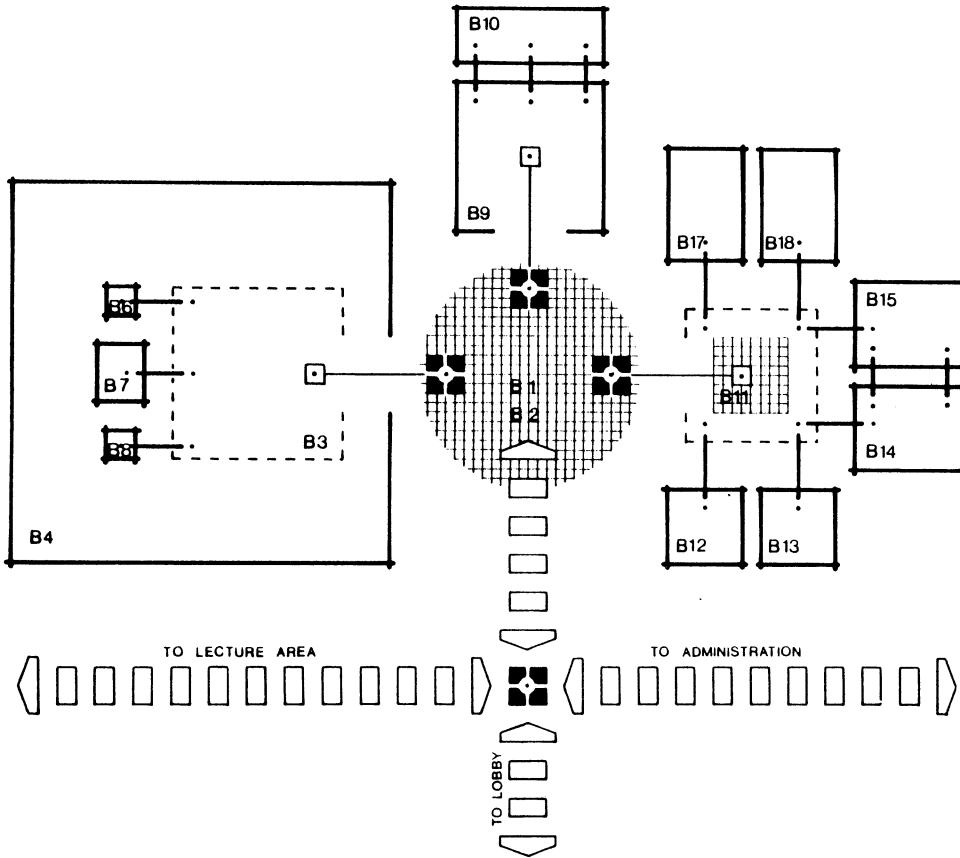


ALL RESOURCE MATERIAL DIRECTLY EFFECTING MID-EAST STUDIES SHALL NOW BE LOCATED WITHIN THE CENTER, DIRECTLY ACCESSIBLE TO THE READING ROOM AND CONTROLLED BY THE CIRCULATION DESK.

STACKS

B 4

USER	STUDENT/FACULTY/PUBLIC
ACTIVITIES	STORAGE OF BOUND MAT'L
AREA	8000 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	CIR. DESK, READING ROOM
APPOINTMENTS	5 SHELF STORAGE SYSTEM 5000 L.F. PHOTOCOPY MACHINE (1) CATALOGUE FILES REFERENCE TABLES (2)
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	ELECTRONIC CATALOGING

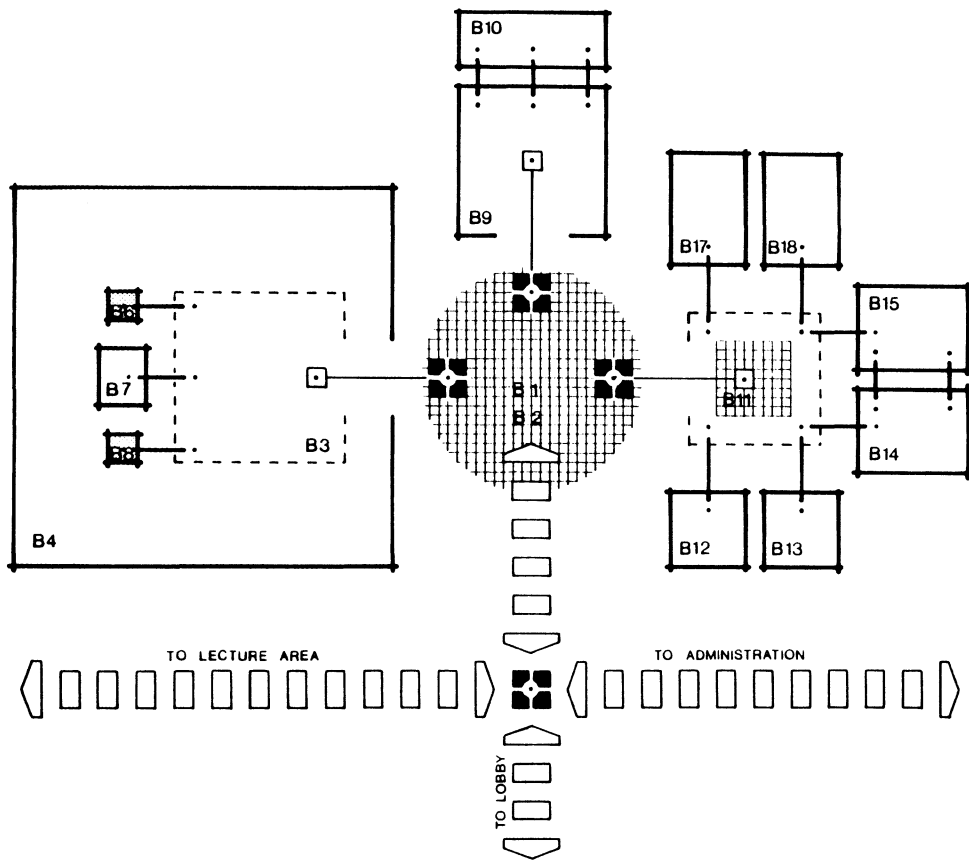


MATERIAL TAKEN OUT OF CIRCULATION, RETURNED MATERIAL TO BE SHELVED, AND OPERATING SUPPLIES ARE STORED IN THIS SECURED AREA; OVERNIGHT BOOK-DROP MAY BE REQUIRED.

LIBRARY STORAGE

B 5

USER	GENERAL STAFF
ACTIVITIES	SECURED STORAGE
AREA	180 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	CIRCULATION DESK
APPOINTMENTS	WALL SHELVING 400 L.F. 3 4-DRAWER FILES SMALL WORK DESK (1) LOCKABLE CABINET (1)
FINISHES	
WALLS	GWB
FLOORS	HARD
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE



TWO STUDY ROOMS, FOR PERSONAL USE, SHOULD BE PRIVATE AND PROPERLY SOUND PROOFED.

STUDY ROOMS

B 6&8

USER STUDENT/FACULTY/PUBLIC

ACTIVITIES PERSONAL STUDY

AREA 50 S.F.

IMAGE SIMPLE, EFFICIENT

ADJACENCY READING ROOM

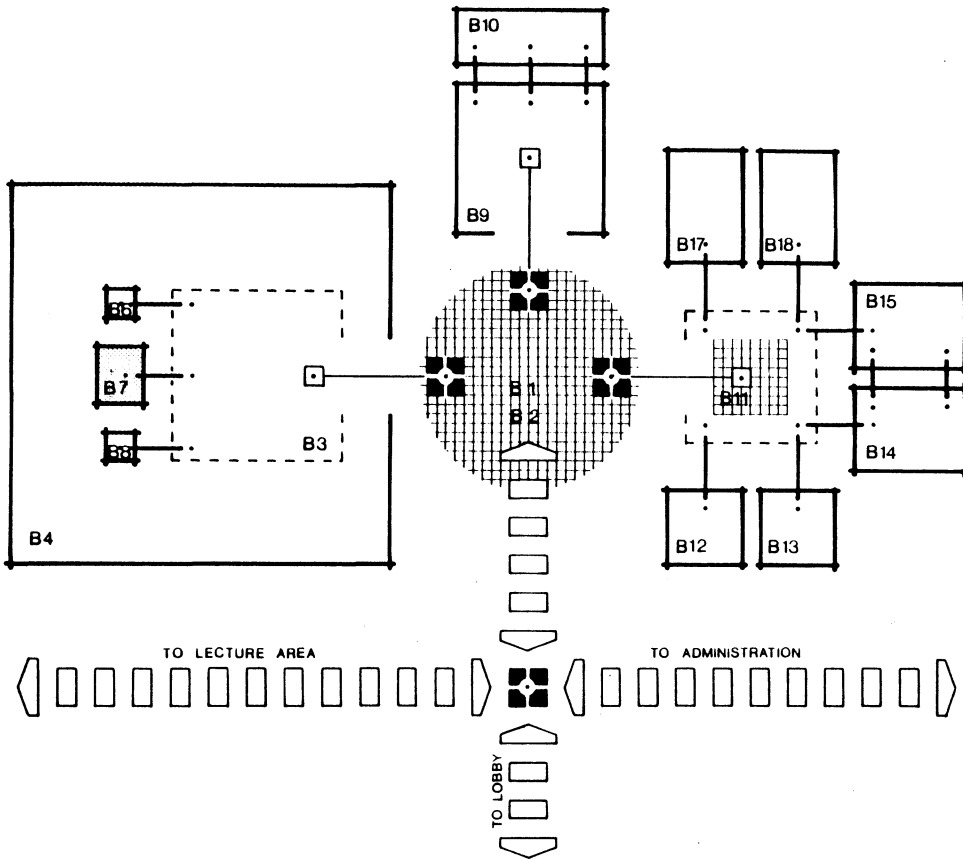
APPOINTMENTS SMALL STUDY DESK
SEATING FOR ONE

FINISHES

WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL

SYSTEMS

HVAC	GENERAL
LIGHTING	GEN., TASK
PLUMBING	NONE
SPECIAL	SOUND PROOFING

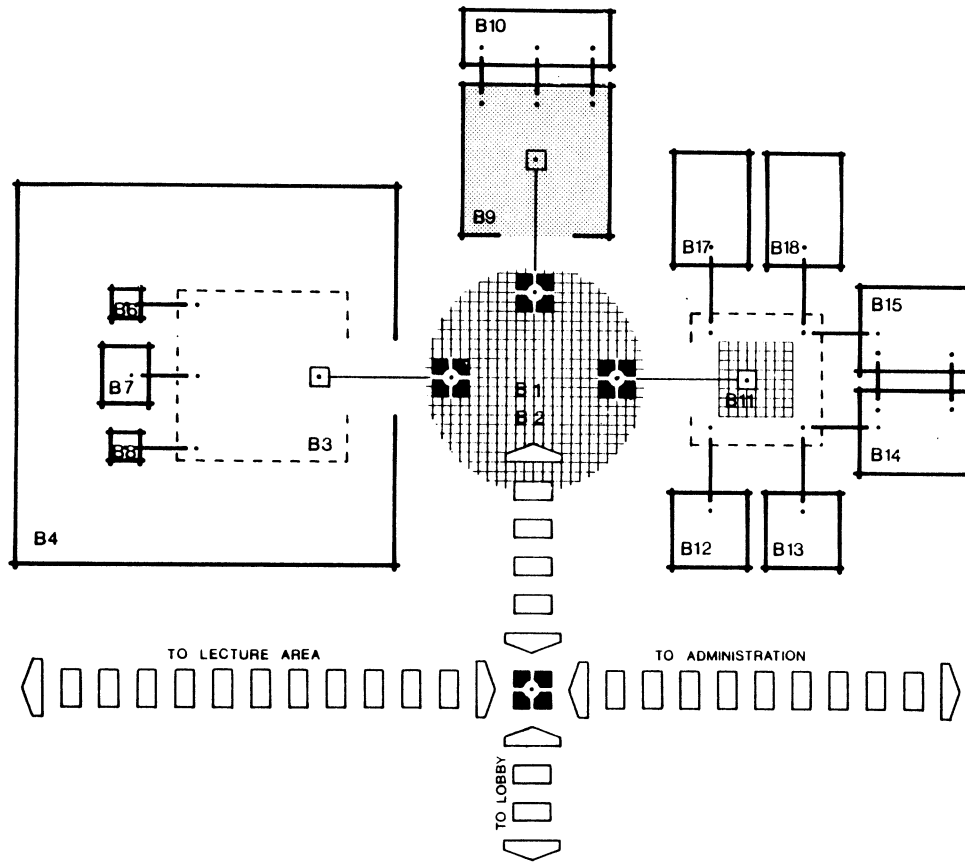


THE GROUP STUDY ROOM ALLOWS 6-8 STUDENTS TO STUDY AS A GROUP WITHOUT INTERRUPTING THE RESOURCE CENTER; SHOULD BE PRIVATE AND SOUND PROOF.

GROUP STUDY

B 7

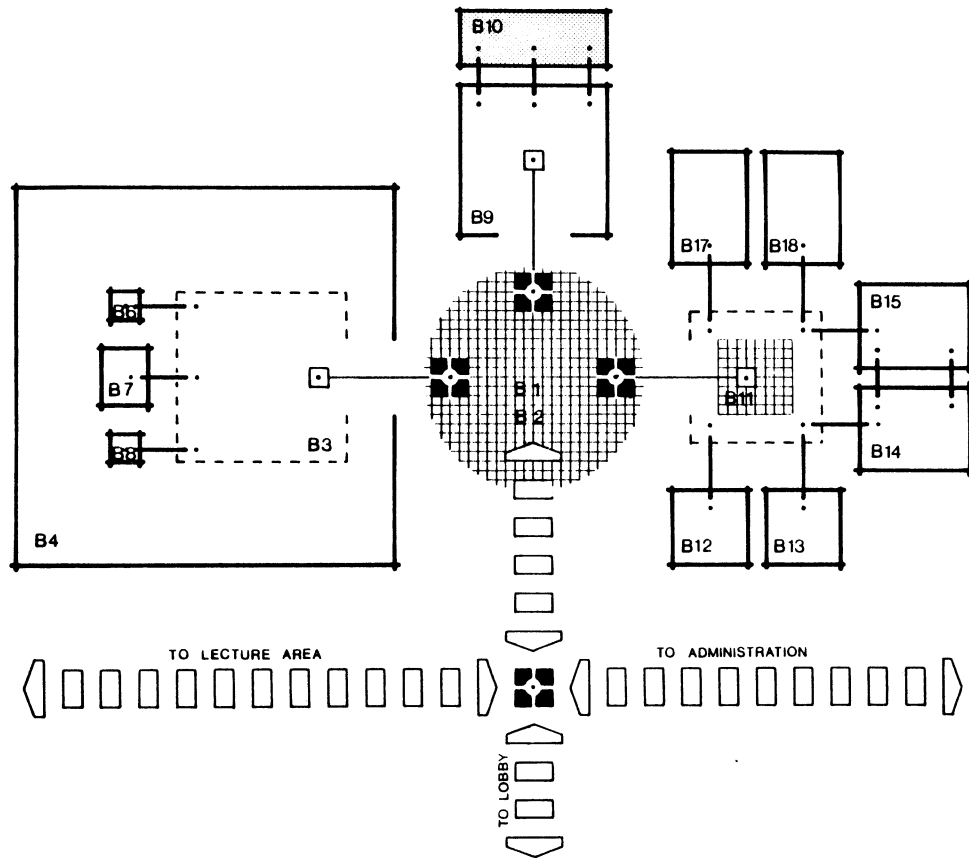
USER	STUDENT/FACULTY/PUBLIC
ACTIVITIES	GROUP STUDY
AREA	100 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	READING ROOM
APPOINTMENTS	SMALL TABLE SEATING FOR 6 CHALKBOARD TACK SPACE
FINISHES	
WALLS	GWB, TACK SURFACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	SOUND PROOFING



COMFORTABLE LOUNGE SEATING AND TABLE SEATING SHOULD BRING AN INFORMALITY TO THE MULTILINGUAL PERIODICALS IN THE READING ROOM. NATURAL LIGHTING AND OUTSIDE VIEWS ARE DESIRED. SOME SEPARATION FROM MAIN LIBRARY IS NECESSARY DUE TO NOISE.

PERIODICALS LOUNGE B9

USER	STUDENT/FACULTY/PUBLIC
ACTIVITIES	PERIODICALS READING INFORMAL DISCUSSION AREA
AREA	300 S.F.
IMAGE	SIMPLE, WARM, INFORMAL
ADJACENCY	CIRCULATION DESK
APPOINTMENTS	LOUNGE SEATING FOR 15 PERIODICAL STOR. 150 L.F. CATALOGUE (1)
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	TINTED, CONTROLABLE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	SOUND PROOFING



PERIODICALS STORAGE B10

USER	STUDENT/FACULTY
ACTIVITIES	PERIODICALS STORAGE
AREA	150 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	PERIODICALS LOUNGE
APPOINTMENTS	SHELVING 800 L.F. SMALL WORK TABLE
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GEN., TASK
PLUMBING	NONE
SPECIAL	SECURED ACCESS

THIS AREA ADJOINS THE PERIODICALS LOUNGE WHERE BACK ISSUES ARE STORED. ACCESS SHOULD BE CONTROLLED FROM CIRCULATION DESK.

AUDIO/VISUAL LIBRARIAN B 11

USER AUDIO/VISUAL LIBRARIAN

ACTIVITIES GENERAL OFFICE
CIRCULATION

AREA 180 S.F.

IMAGE SIMPLE, WARM, OPEN

ADJACENCY CIRCULATION DESK

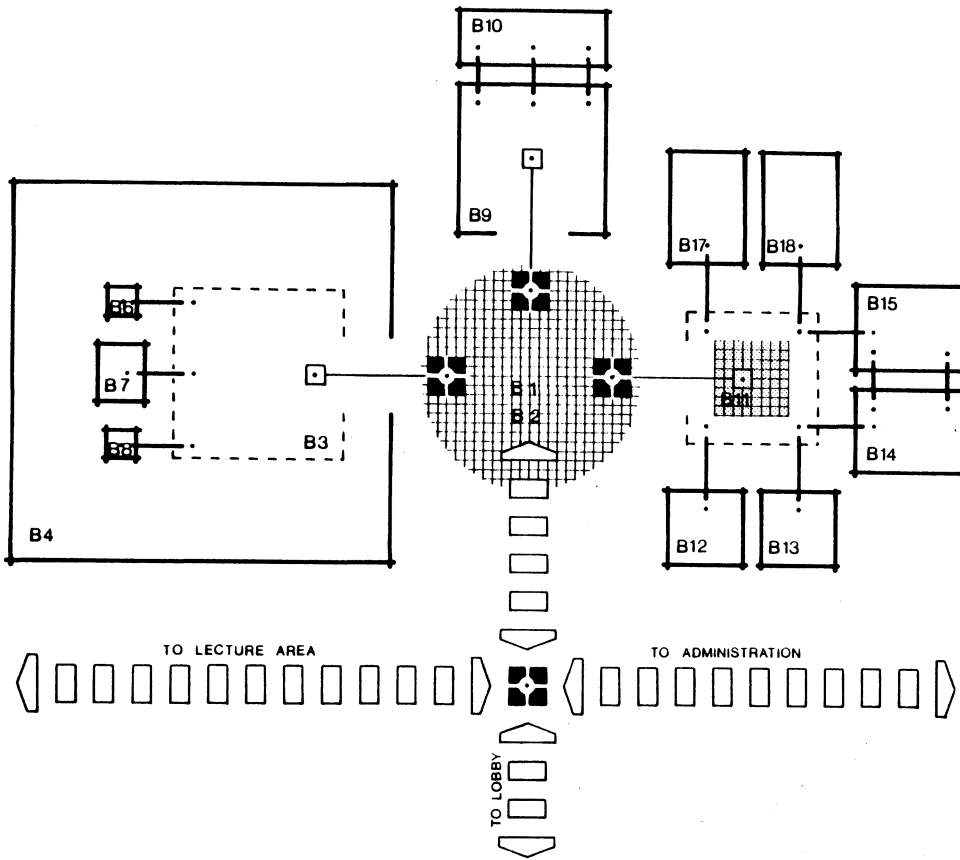
APPOINTMENTS SECRETARIAL DESK
WALL FILES
CIRCULATION DESK

FINISHES

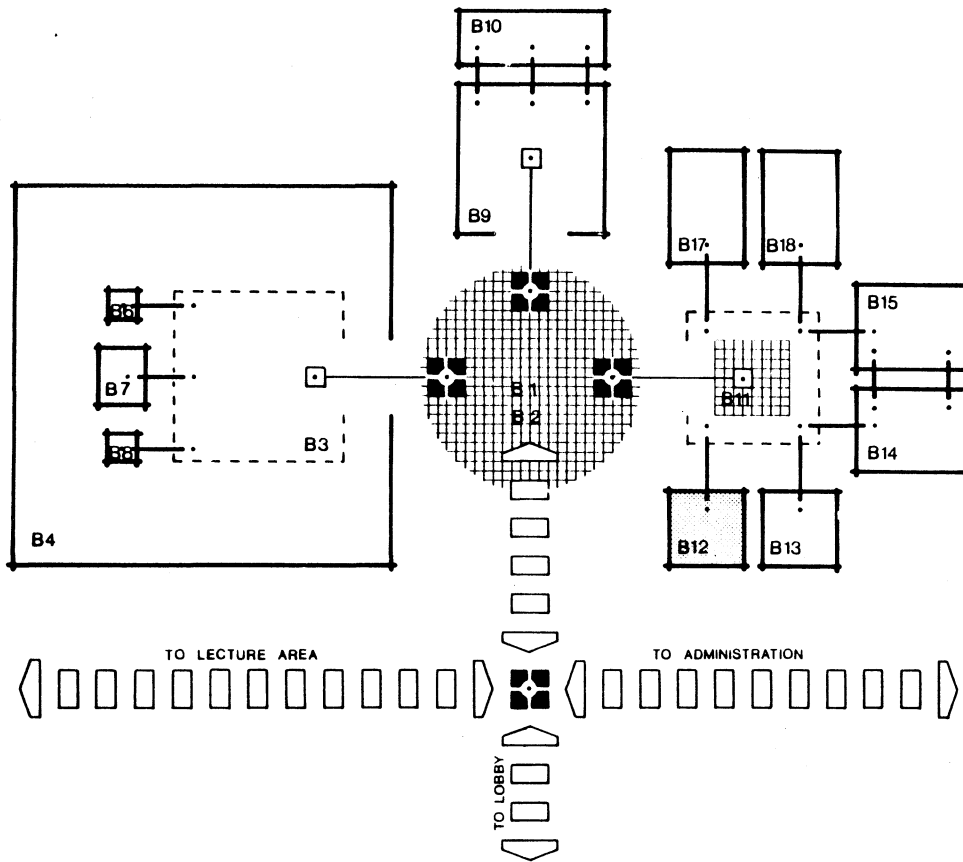
WALLS	GWB, TACK SURFACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL

SYSTEMS

HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE



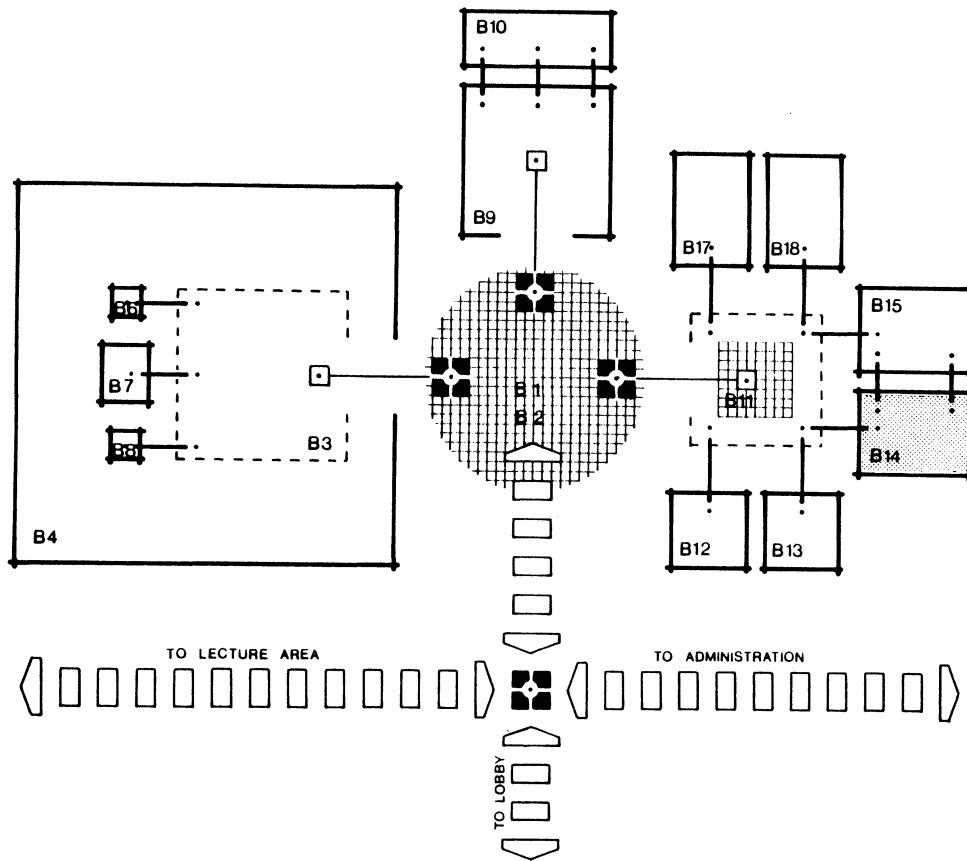
THIS SHOULD BE AN OPEN OFFICE WITH THE CIRCULATION DESK DIRECTLY ADJACENT. CONTROL TO THE ARCHIVES AND WORKROOM ARE MANAGED HERE.



THIS IS THE ADMINISTRATIVE OFFICE FOR THE RESOURCE CENTER AND SOME SEPARATION FROM ACTIVITY MAY BE NECESSARY.

OUTREACH COORDINATOR B12

USER	OUTREACH COORDINATOR WORK STUDY
ACTIVITIES	GENERAL OFFICE ORGANIZING RESOURCE MAT'L
AREA	150 S.F.
IMAGE	SIMPLE, WARM, EFFICIENT
ADJACENCY	LIBRARIAN AREA
APPOINTMENTS	EXECUTIVE DESK (1) P.C. STATION (1) SHELVES/STORAGE FILES (1)
FINISHES	
WALLS	GWB, TACK SURFACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	TINTED, CONTROLABLE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GEN., TASK
PLUMBING	NONE
SPECIAL	NONE

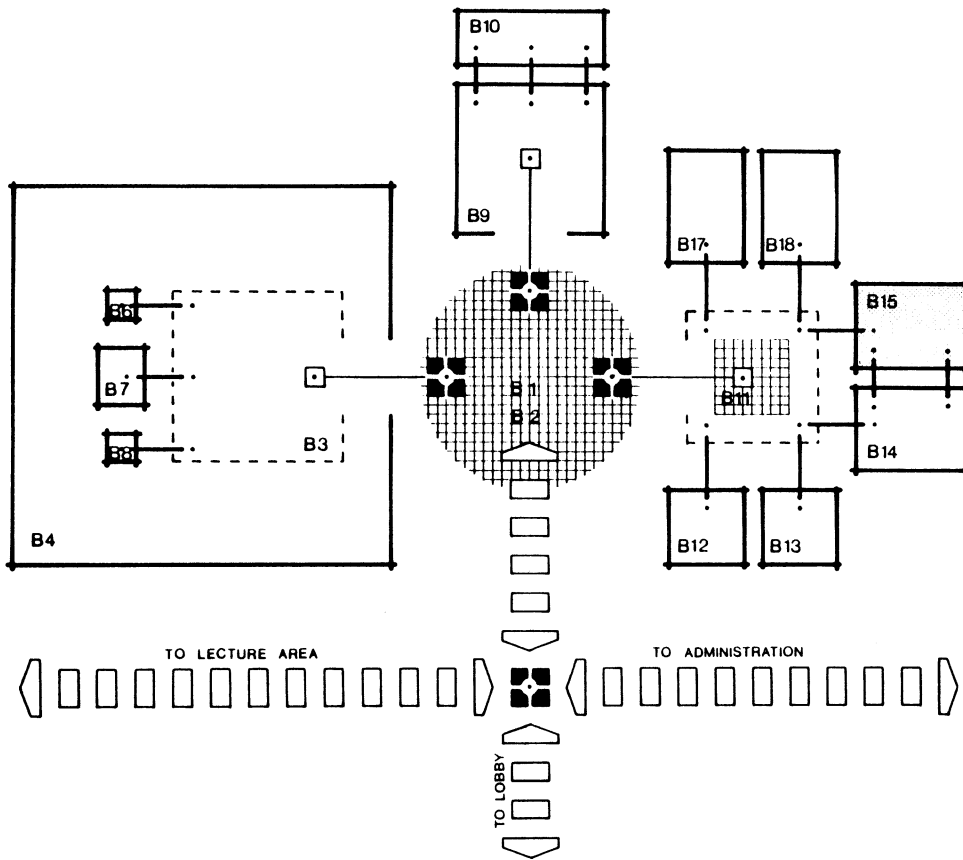


A COMPLETE DARKROOM FACILITY ALLOWS THE CENTER TO ORGANIZE ITS VISUAL ARCHIVES "IN-HOUSE" THROUGH A RESIDENT SPECIALIST. PROPER SPACE ALLOCATION AND ENVIRONMENTAL SYSTEMS ARE REQUIRED.

DARKROOM

B 14

USER	AUTHORIZED PERSONNEL CONTROLLED PUBLIC												
ACTIVITIES	DARKROOM												
AREA	200 S.F.												
IMAGE	SIMPLE, EFFICIENT												
ADJACENCY	WORKROOM, A/V LIBRARIAN												
APPOINTMENTS	REFRIGERATOR (1) ENLARGER (1) 'DRY BENCH' 'WET BENCH' DRY MOUNT PRESS (1) DRYING CABINET (1)												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>MOISTURE PROOF FINISH</td> </tr> <tr> <td>FLOORS</td> <td>HARD, ACID RESISTANT</td> </tr> <tr> <td>CEILINGS</td> <td>ACOUSTIC, MOISTURE PROOF</td> </tr> <tr> <td>WINDOWS</td> <td>NONE</td> </tr> <tr> <td>ACOUSTICS</td> <td>SOFT</td> </tr> <tr> <td>COLOR</td> <td>DARK</td> </tr> </table>	WALLS	MOISTURE PROOF FINISH	FLOORS	HARD, ACID RESISTANT	CEILINGS	ACOUSTIC, MOISTURE PROOF	WINDOWS	NONE	ACOUSTICS	SOFT	COLOR	DARK
WALLS	MOISTURE PROOF FINISH												
FLOORS	HARD, ACID RESISTANT												
CEILINGS	ACOUSTIC, MOISTURE PROOF												
WINDOWS	NONE												
ACOUSTICS	SOFT												
COLOR	DARK												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>GENERAL, INFRA-RED</td> </tr> <tr> <td>PLUMBING</td> <td>NON-CORROSIVE PIPING</td> </tr> <tr> <td>SPECIAL</td> <td>POSITIVE VENTILATION CLIMATE CONTROL</td> </tr> </table>	HVAC	GENERAL	LIGHTING	GENERAL, INFRA-RED	PLUMBING	NON-CORROSIVE PIPING	SPECIAL	POSITIVE VENTILATION CLIMATE CONTROL				
HVAC	GENERAL												
LIGHTING	GENERAL, INFRA-RED												
PLUMBING	NON-CORROSIVE PIPING												
SPECIAL	POSITIVE VENTILATION CLIMATE CONTROL												

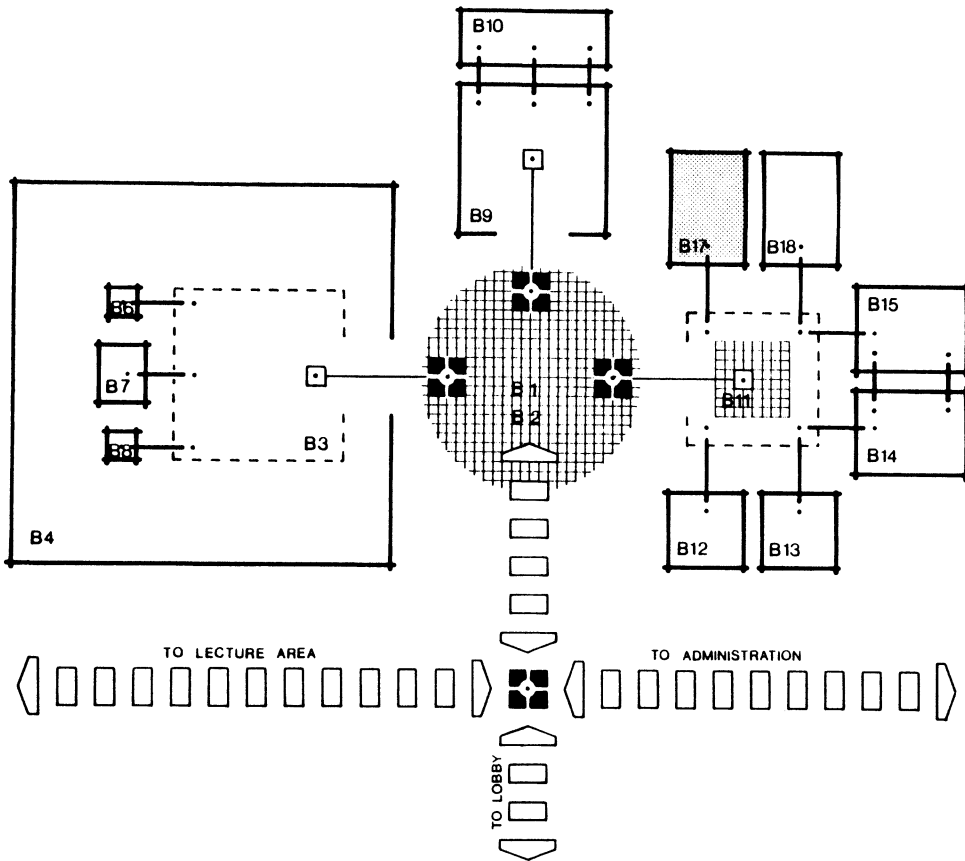


EQUIPMENT AND PREPARATION SPACE IS PROVIDED TO FACULTY, STAFF, AND GRAD STUDENTS FOR THE PURPOSE OF PREPARING LECTURE/REPORT MATERIAL.

WORK ROOM

B 15

USER	AUTHORIZED PERSONNEL CONTROLLED PUBLIC
ACTIVITIES	AUDIO/VISUAL STUDIES
AREA	200 S.F.
IMAGE	SIMPLE, WARM, INFORMAL
ADJACENCY	DARKROOM, A/V LIBRARIAN
APPOINTMENTS	PHOTOCOPY MACHINE (1) GRAPHIC CUTTING TABLE (1) TACK SURFACE PASTE-UP TABLE (1) LIGHT TABLE (1)
FINISHES	
WALLS	GWB, TACK SURFACE
FLOORS	HARD
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE

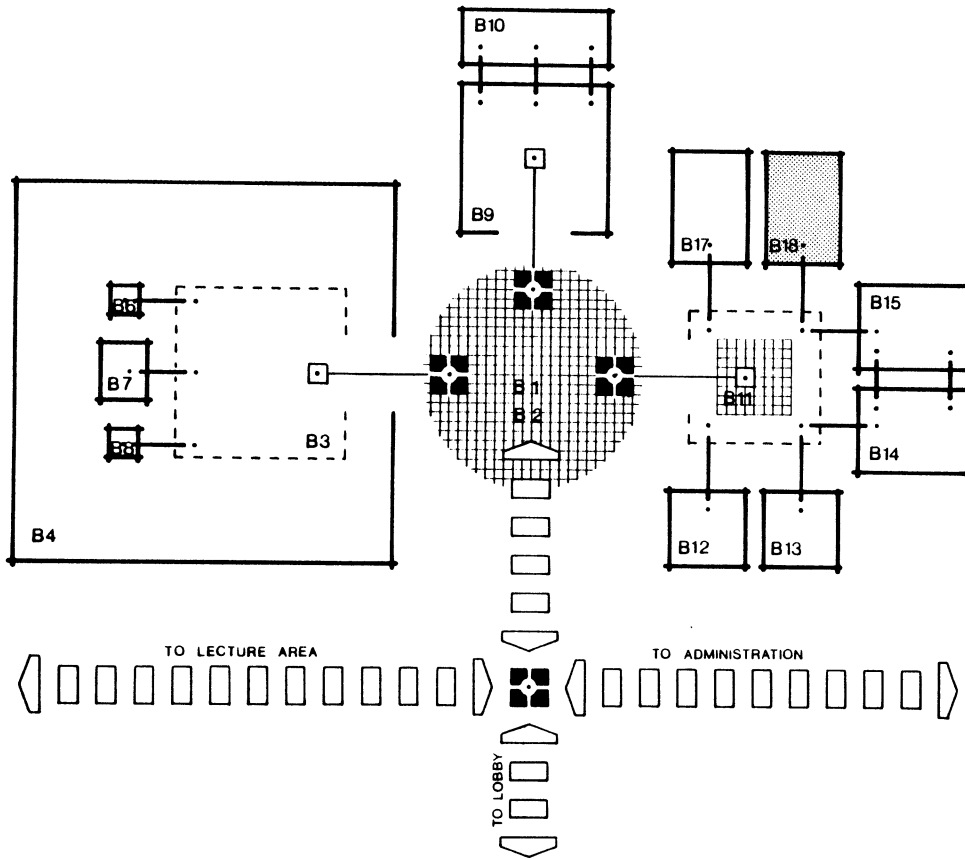


THE AUDIO/VISUAL VIEWING ROOM PROVIDES CONTROLLED ACCESS TO SLIDE AND VIDEO EDUCATION PACKETS THROUGH SIX VIEWING STATIONS. AUDIO PROGRAMMING IS HANDLED THROUGH HEADPHONES AND ADEQUATE PARTITIONING MAY BE NECESSARY TO SEPARATE STATIONS.

VIEWING ROOM

B 17

USER	STUDENT/FACULTY CONTROLLED PUBLIC
ACTIVITIES	AUDIO/VISUAL VIEWING
AREA	180 S.F.
IMAGE	SIMPLE, WARM, INFORMAL
ADJACENCY	A/V LIBRARIAN
APPOINTMENTS	3 SLIDE STATIONS 3 VIDEO STATIONS
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	CONTROLLED HEADPHONE SYS.

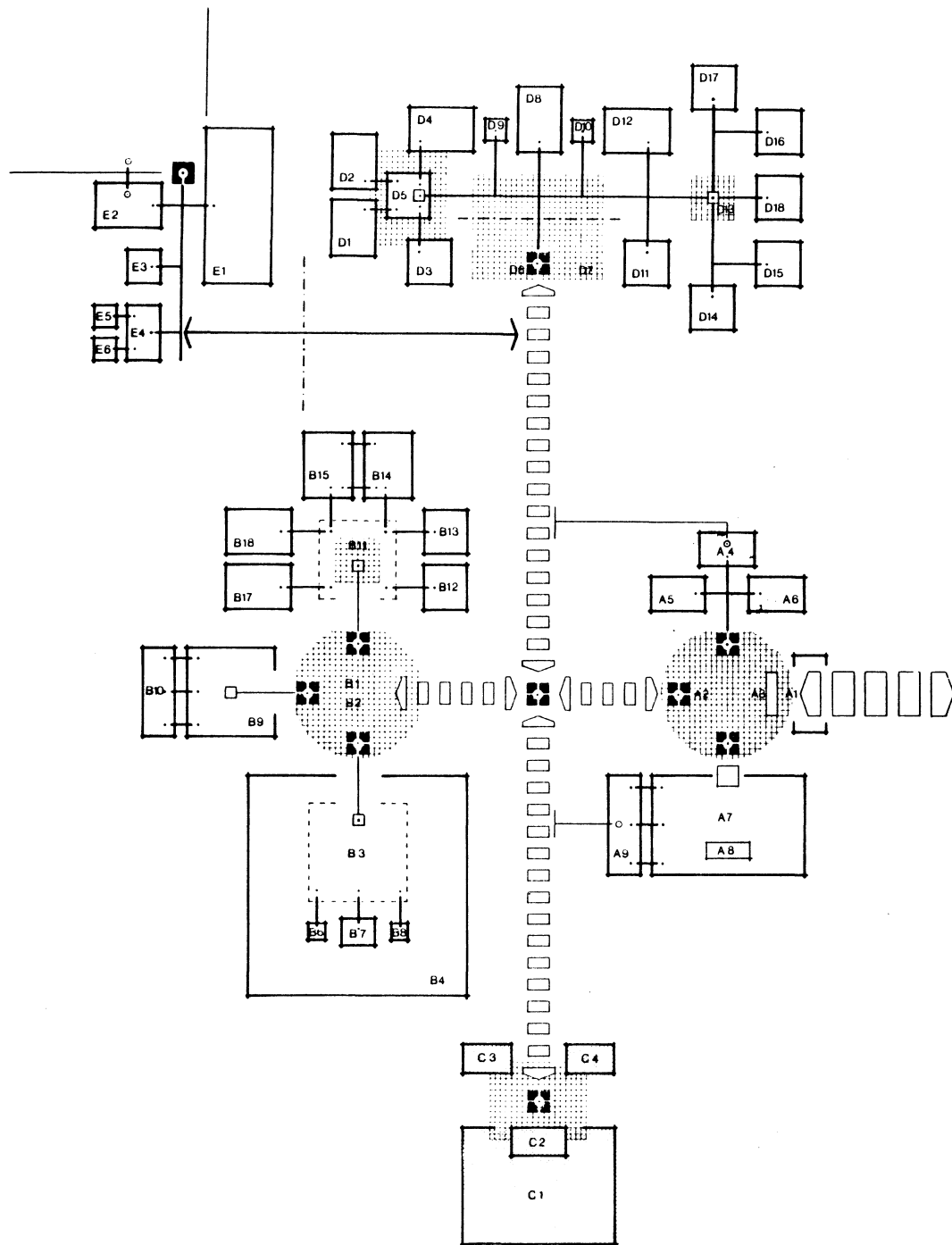


THE AUDIO/VISUAL ARCHIVES STORE, UNDER PROPER CONDITIONS, ALL SLIDE/VIDEO/FILM MATERIALS AND IS CONTROLLED BY FULL-TIME STAFF.

ARCHIVES

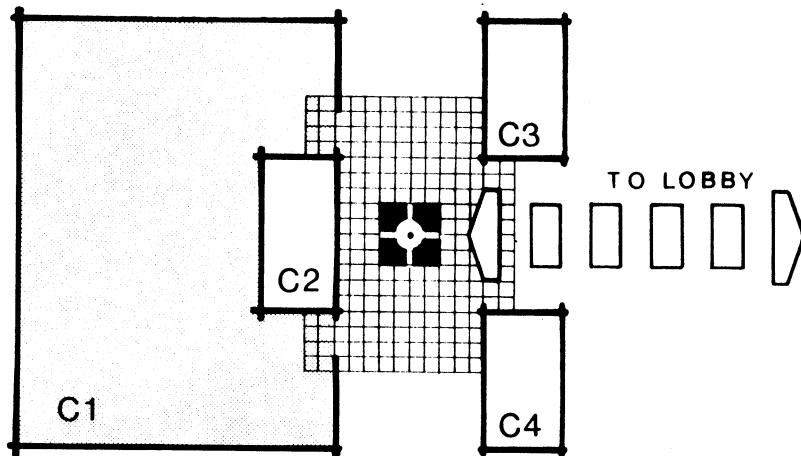
B 18

USER	AUTHORIZED PERSONNEL
ACTIVITIES	AUDIO/VISUAL ARCHIVES
AREA	150 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	A/V LIBRARIAN
APPOINTMENTS	SLIDE CATALOGING SYSTEM VIDEO CASSETTE CATALOGING FILM CATALOGING REFERENCE DESK (1) LIGHT TABLE (1)
FINISHES	
WALLS	GWB
FLOORS	HARD
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	CLIMATE CONTROL SYSTEMS



LECTURE AREA

C1 LECTURE HALL 100 PERSONS	1200 S.F.
C2 PROJECTION ROOM	150 S.F.
C3 SEMINAR ROOMS	125 S.F.
C4 SEMINAR ROOMS	125 S.F.
<hr/>	
NET AREA	1600 S.F.

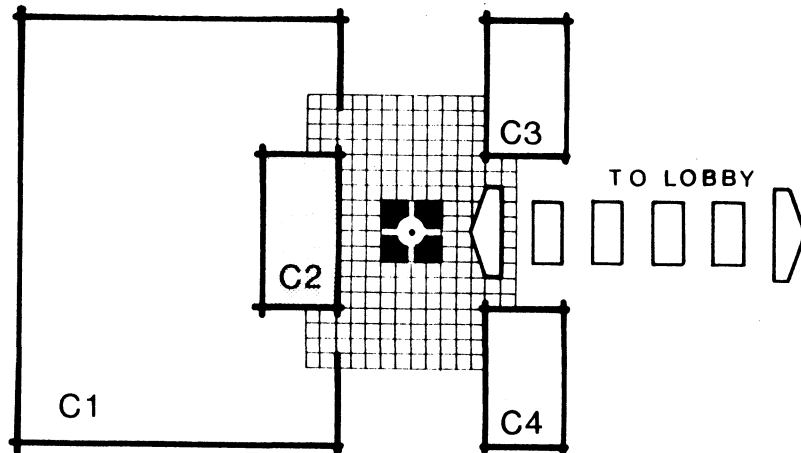


THIS FIXED SEATING LECTURE FACILITY OFFERS STATE OF THE ART PRESENTATION CAPABILITY IN AN INTIMATE SETTING. ACCOUSTICS AND LIGHTING ARE OF PRIME IMPORTANCE.

LECTURE

1

USER	STUDENT/FACULTY VISITING SCHOLAR
ACTIVITIES	SCHEDULED LECTURES SPECIAL PRESENTATIONS
AREA	1200 S.F.
IMAGE	CLOSE, INFORMAL
ADJACENCY	LOBBY, SEMINAR ROOMS
APPOINTMENTS	FIXED SEATING FOR 100 10 X 12 ADJUSTABLE STAGE PODIUM REAR SCREEN PROJECTION RETRACTABLE SCREEN & CHALK BOARD SOUND SYSTEM
FINISHES	
WALLS	GWB, ACCOUSTIC TREATMENT
FLOORS	CARPET
CEILINGS	ACOUSTIC TREATMENT
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	DOWN LIGHTING, GENERAL
PLUMBING	NONE
SPECIAL	STAGE LGHT. FLEXIBILITY

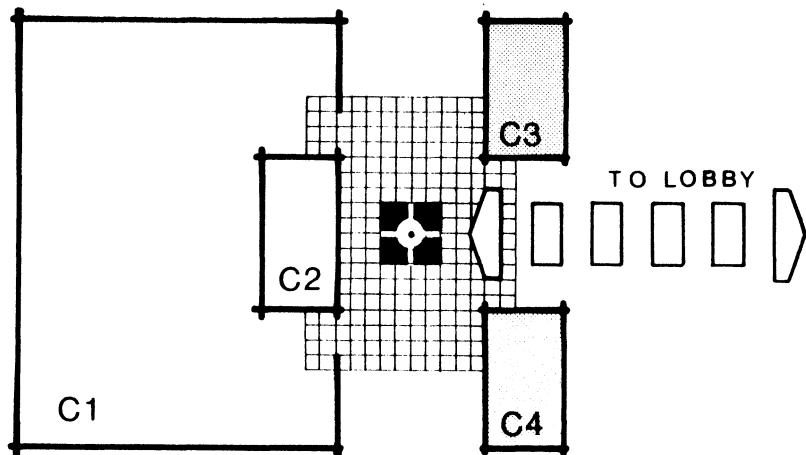


EQUIPMENT AND CONTROLS SHOULD PRIMARILY SERVE THE LECTURE HALL BUT SHOULD ALSO BE CAPABLE OF SERVING THE LOBBY DURING SPECIAL EVENTS.

PROJECTION ROOM

2

USER	AUTHORIZED PERSONNEL
ACTIVITIES	SLIDE/FILM PROJECTION LIGHTING/SOUND CONTROL
AREA	150 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	LECTURE HALL, LOBBY
APPOINTMENTS	3 SLIDE PROJECTOR TABLES 1 REELED PROJECTOR 2 VCR PLAYBACK SOUND/LIGHTING PANELS RELATED ELECTRICAL EQUIP.
FINISHES	
WALLS	SOFT
FLOORS	SOFT
CEILINGS	SOFT
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL, TASK LIGHT.
PLUMBING	NONE
SPECIAL	SOUND PROOFING

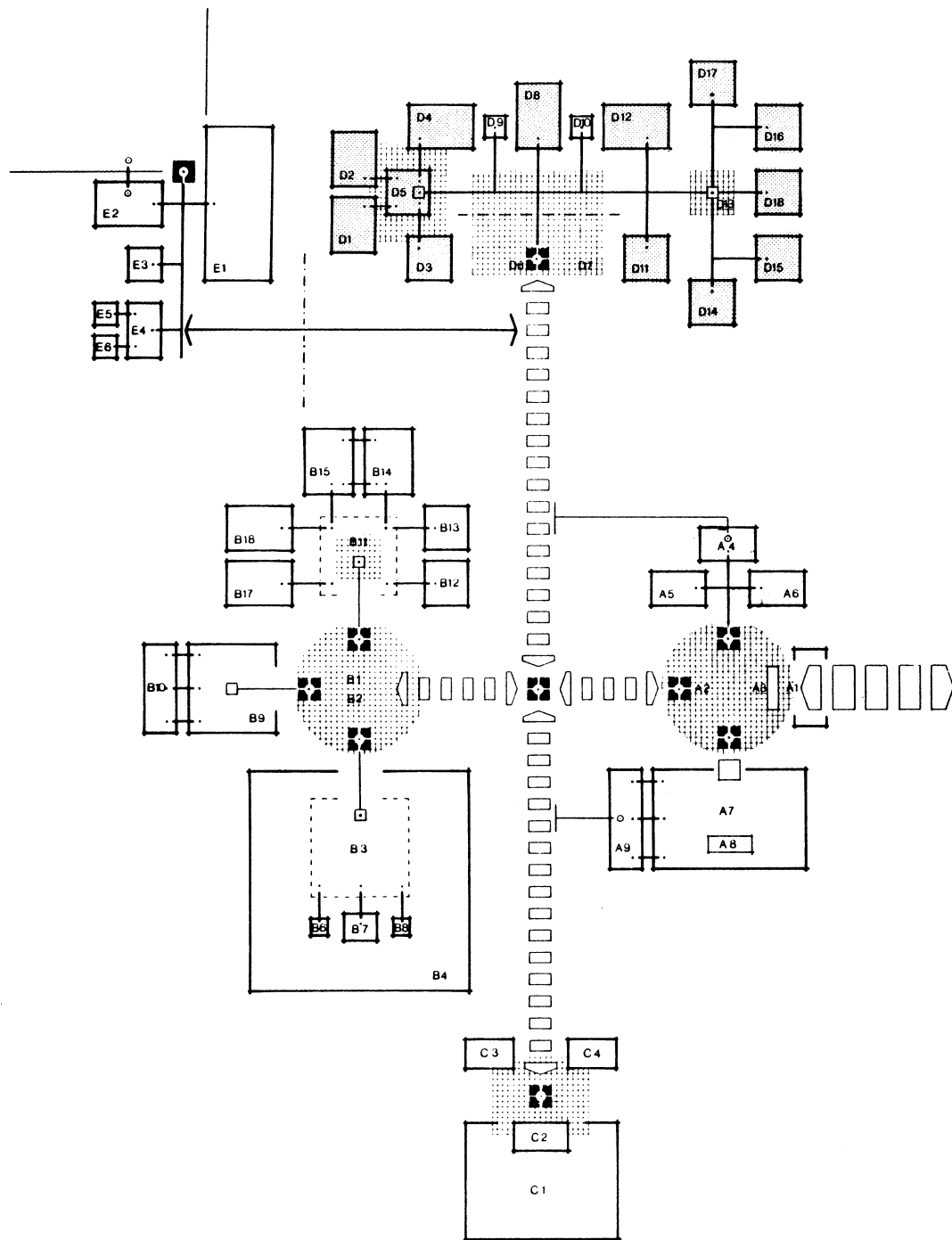


FUNCTIONAL TEACHING SPACE IS PROVIDED FOR STUDY GROUPS AND SEMINAR CLASSES WITH CONFERENCE TABLE SEATING.

SEMINAR ROOMS

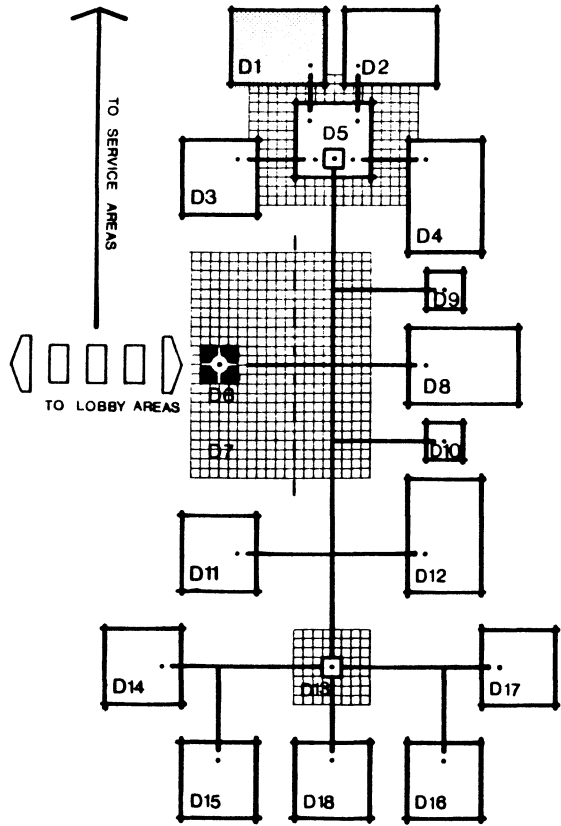
3&4

USER	FACULTY/STUDENTS
ACTIVITIES	SCHEDULED SEMINARS INFORMAL STUDY GROUPS
AREA	250 s.f.
IMAGE	SIMPLE, WARM, EFFICIENT
ADJACENCY	LOBBY, LECTURE HALL
APPOINTMENTS	LARGE TABLE SEATING FOR 10 OVERHEAD PROJECTOR CHALKBOARD TACK SURFACE
FINISHES	
WALLS	GWB, TACK SURFACE
FLOORS	SOFT
CEILINGS	ACOUSTIC
WINDOWS	TINTED AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	SOUND PROOFING



ADMINISTRATION

D1	DIRECTOR	150 S.F.
D2	ASSOCIATE DIRECTOR	150 S.F.
D3	ASSISTANT DIRECTOR	120 S.F.
D4	CONFERENCE ROOM	200 S.F.
D5	ADMINISTRATIVE SECRETARY	150 S.F.
D6	RECEPTIONIST	100 S.F.
D7	WAITING AREA	200 S.F.
D8	COMPUTER ROOM	180 S.F.
D9	OFFICE STORAGE	80 S.F.
D10	XEROX (COPY ROOM AREA)	50 S.F.
D11	ACCOUNTANT	120 S.F.
D12	PUBLICATIONS EDITOR	180 S.F.
D13	WORK STATION	80 S.F.
D14-17	FACULTY - 4	480 S.F.
D18	VISITING FACULTY	120 S.F.
NET AREA		2310 S.F.

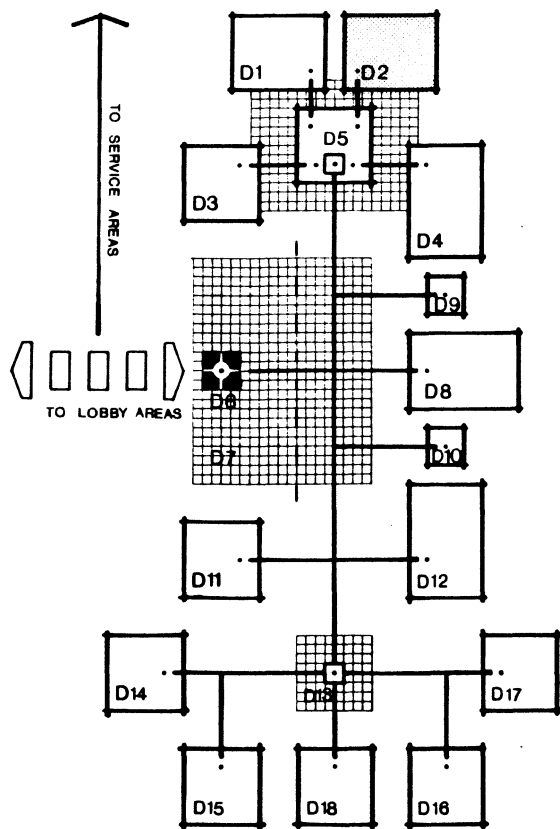


IN THAT THE DIRECTOR ESTABLISHES POLICY AND RECIEVES VISITING DIGNITARIES AND FACULTY, HIS OFFICE SHOULD REFLECT A PROFESSIONAL APPEARANCE IN BOTH FINISH AND APPOINTMENTS.

DIRECTOR

D1

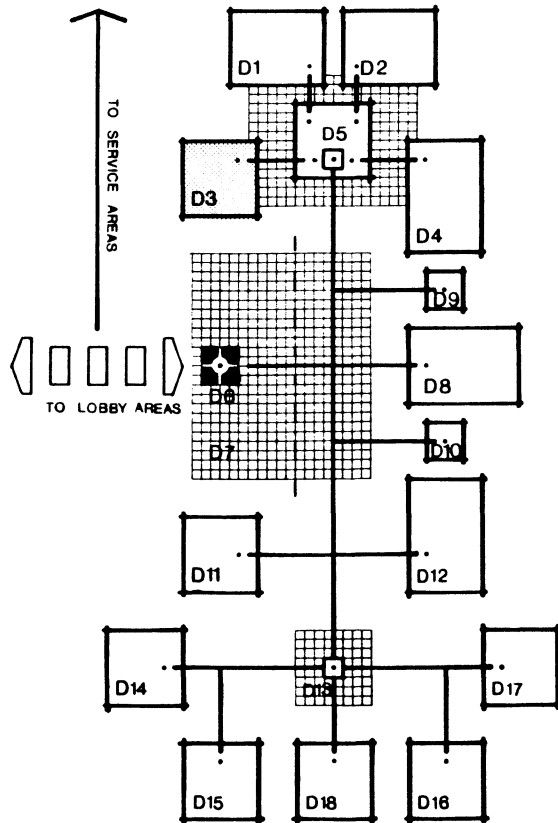
USER	DIRECTOR OF CENTER
ACTIVITIES	ADMINISTRATIVE DECISIONS OFFICIAL APPOINTMENTS
AREA	150 S.F.
IMAGE	SIMPLE, WARM, BUSINESS
APPOINTMENTS	EXECUTIVE DESK BOOK SHELVES P.C. STATION SEATING
FINISHES	
WALLS	GWB, TACK SPACE
FLOORS	CARPETED
CEILINGS	ACCOUSTIC DROP
WINDOWS	TINTED, BLINDS
ACCOUSTICS	QUIET
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, GEN. FLOURESCENT
PLUMBING	NONE
SPECIAL	NONE



THE ASSOCIATE DIRECTOR'S DUTIES DEAL MAINLY WITH THE CENTER'S OPERATIONS AND SHOULD ALSO REFLECT A PROFESSIONAL APPEARANCE.

ASSOCIATE DIRECTOR D 2

USER	ASSOCIATE DIRECTOR
ACTIVITIES	ADMINISTRATIVE DUTIES IN-HOUSE APPOINTMENTS
AREA	150 S.F.
IMAGE	SIMPLE, WARM, OPEN
ADJACENCY	DIRECTOR, ADMIN. SEC'TY.
APPOINTMENTS	EXECUTIVE DESK (1) SHELVES/STORAGE P.C. STATION (1) SEATING (2)
FINISHES	
WALLS	GWB, TACK SPACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	TINTED, CONTROLABLE VIEW
ACOUSTICS	QUIET
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, GENERAL TASK
PLUMBING	NONE
SPECIAL	NONE

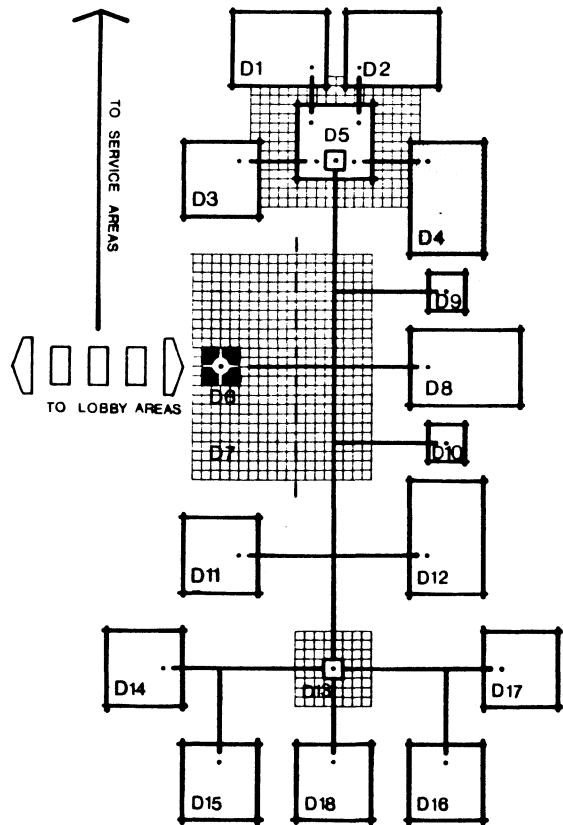


THIS IS PRIMARILY A SUPERVISORY POSITION RESPONSIBLE FOR ORGANIZING OFFICE AND SCHEDULING WHILE MAINTAINING CONTACTS WITHIN THE UNIVERSITY.

POSITION WORKLOAD CONTACTS

ASSISTANT DIRECTOR D3

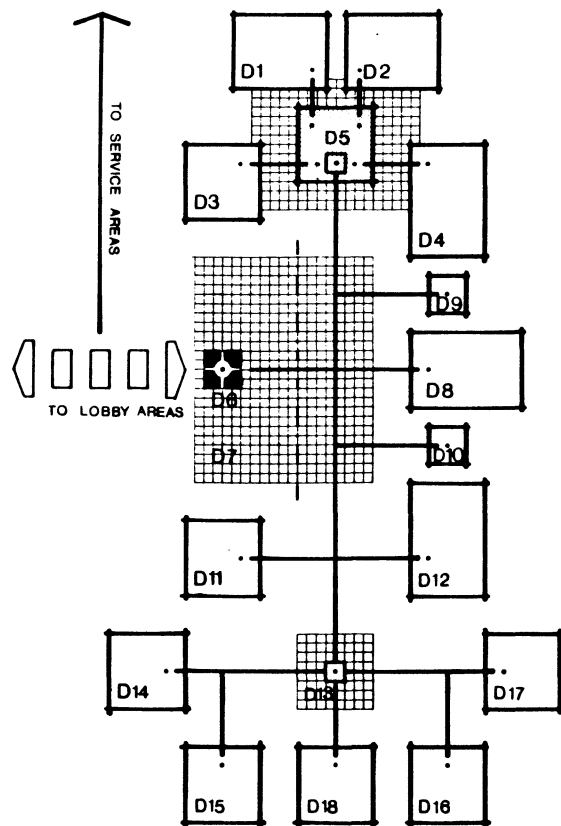
USER	ASSISTANT TO DIRECTOR												
ACTIVITIES	SUPPORT TO DIRECTORS												
AREA	120 S.F.												
IMAGE	SIMPLE, WARM, BUSINESS												
ADJACENCY	ADM. SEC'TY., DIRECTOR												
APPOINTMENTS	EXECUTIVE DESK (1) SHELVES/STORAGE P.C. STATION (1) SEATING (2)												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TACK SPACE</td> </tr> <tr> <td>FLOORS</td> <td>CARPET</td> </tr> <tr> <td>CEILINGS</td> <td>ACOUSTIC</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED, CONTROLABLE</td> </tr> <tr> <td>ACOUSTICS</td> <td>QUIET</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TACK SPACE	FLOORS	CARPET	CEILINGS	ACOUSTIC	WINDOWS	TINTED, CONTROLABLE	ACOUSTICS	QUIET	COLOR	NEUTRAL
WALLS	GWB, TACK SPACE												
FLOORS	CARPET												
CEILINGS	ACOUSTIC												
WINDOWS	TINTED, CONTROLABLE												
ACOUSTICS	QUIET												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, GENERAL TASK</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>NONE</td> </tr> </table>	HVAC	GENERAL	LIGHTING	NATURAL, GENERAL TASK	PLUMBING	NONE	SPECIAL	NONE				
HVAC	GENERAL												
LIGHTING	NATURAL, GENERAL TASK												
PLUMBING	NONE												
SPECIAL	NONE												



THIS SHOULD BE A FLEXIBLE SPACE, OPEN FOR ADMINISTRATIVE CONFERENCES, FACULTY MEETINGS, AND INFORMAL DISCUSSION; CAPABLE OF VARIOUS PRESENTATION FORMATS AND LIGHTING SITUATIONS.

CONFERENCE ROOM D 4

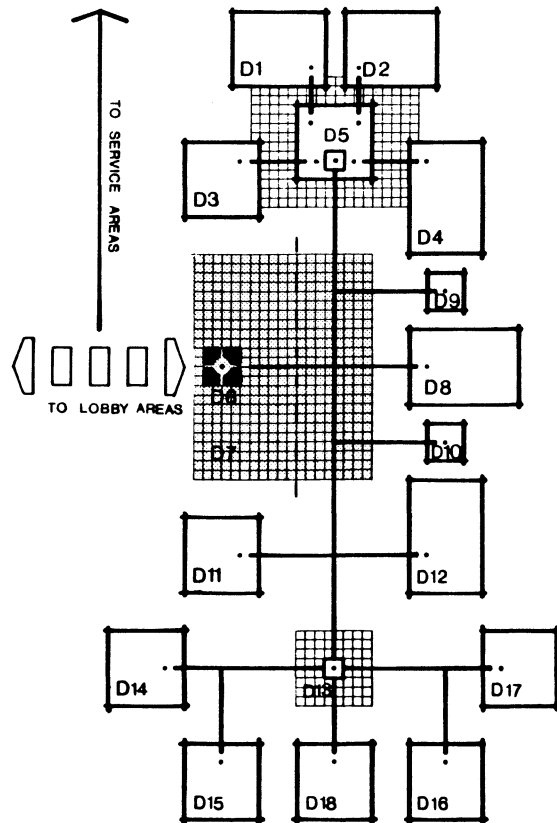
USER	ADMINISTRATIVE PERSONNEL FACULTY												
ACTIVITIES	GENERAL CONFERENCING SPECIAL MEETINGS												
AREA	200 S.F.												
IMAGE	SIMPLE, WARM, INTIMATE												
ADJACENCY	ADM. SEC'TY.												
APPOINTMENTS	LG. CONFERENCE TABLE (1) SEATING FOR TWELVE TELEPHONE ROLL DOWN SCREEN TACK SPACE												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB</td> </tr> <tr> <td>FLOORS</td> <td>CARPETED</td> </tr> <tr> <td>CEILINGS</td> <td>ACOUSTIC, LOW REFLECTANCE</td> </tr> <tr> <td>WINDOWS</td> <td>NONE</td> </tr> <tr> <td>ACOUSTICS</td> <td>SOFT</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB	FLOORS	CARPETED	CEILINGS	ACOUSTIC, LOW REFLECTANCE	WINDOWS	NONE	ACOUSTICS	SOFT	COLOR	NEUTRAL
WALLS	GWB												
FLOORS	CARPETED												
CEILINGS	ACOUSTIC, LOW REFLECTANCE												
WINDOWS	NONE												
ACOUSTICS	SOFT												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>INDIRECT AMBIENT, TASK ON TABLE</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>AUDIO/VISUAL HOOKUPS</td> </tr> </table>	HVAC	GENERAL	LIGHTING	INDIRECT AMBIENT, TASK ON TABLE	PLUMBING	NONE	SPECIAL	AUDIO/VISUAL HOOKUPS				
HVAC	GENERAL												
LIGHTING	INDIRECT AMBIENT, TASK ON TABLE												
PLUMBING	NONE												
SPECIAL	AUDIO/VISUAL HOOKUPS												



THE OFFICE SHOULD BE A FUNCTIONAL SPACE WITH ONE WALL DEDICATED TO FILE STORAGE LINKUP TO THE CENTER'S DATA BASE; MINIMUM SECURITY CONSIDERATIONS REQUIRED.

ADMINISTRATIVE SEC'TY D5

USER	PRIVATE SECRETARY
ACTIVITIES	SERVICE TO ADM. PERSONNEL
AREA	150 S.F.
IMAGE	SIMPLE, WARM, BUSINESS
ADJACENCY	ADM. RECEPTIONIST, ADM. OFFICES
APPOINTMENTS	SECRETARY DESK (1) FILES (2) P.C. STATION (1) SEATING (2)
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	OPEN
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, GENERAL
PLUMBING	NONE
SPECIAL	NONE

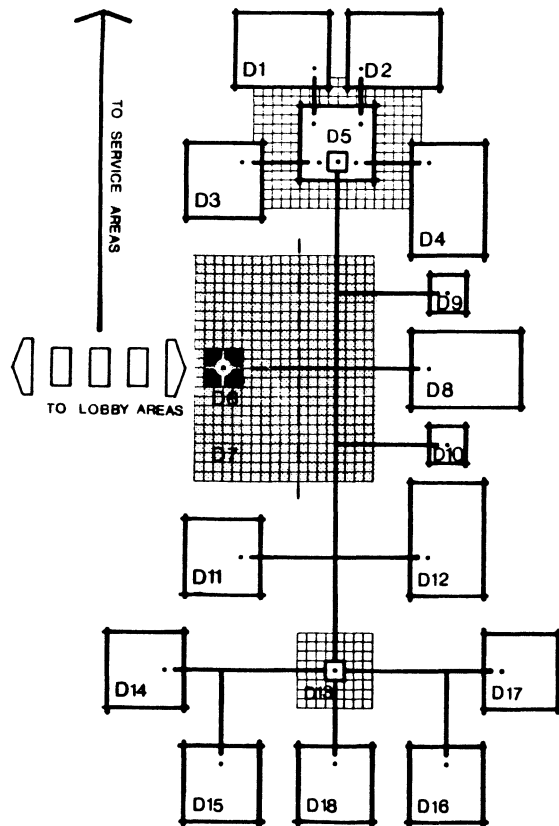


TELEPHONE OPERATIONS AND APPOINTMENT MANAGEMENT ARE THE CHIEF DUTIES OF WORK STUDY PERSONNEL.

RECEPTIONIST

D6

USER	RECEPTIONIST WORK STUDY PERSONNEL												
ACTIVITIES	PHONE CENTER APPOINTMENT ORGANIZATION												
AREA	100 S.F.												
IMAGE	SIMPLE, WARM, OPEN												
ADJACENCY	WAITING AREA, ADM. OFFICE												
APPOINTMENTS	SECRETARY DESK (1) PHONE EQUIPMENT TYPING STATION (1) FILES (1)												
FINISHES	<table border="0"> <tbody> <tr> <td>WALLS</td> <td>GWB, SOFT</td> </tr> <tr> <td>FLOORS</td> <td>CARPET</td> </tr> <tr> <td>CEILING</td> <td>OPEN, ARCHITECTURAL</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED AS NECESSARY</td> </tr> <tr> <td>ACOUSTICS</td> <td>SOFT</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </tbody> </table>	WALLS	GWB, SOFT	FLOORS	CARPET	CEILING	OPEN, ARCHITECTURAL	WINDOWS	TINTED AS NECESSARY	ACOUSTICS	SOFT	COLOR	NEUTRAL
WALLS	GWB, SOFT												
FLOORS	CARPET												
CEILING	OPEN, ARCHITECTURAL												
WINDOWS	TINTED AS NECESSARY												
ACOUSTICS	SOFT												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tbody> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, GENERAL</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>SOUND SYSTEM</td> </tr> </tbody> </table>	HVAC	GENERAL	LIGHTING	NATURAL, GENERAL	PLUMBING	NONE	SPECIAL	SOUND SYSTEM				
HVAC	GENERAL												
LIGHTING	NATURAL, GENERAL												
PLUMBING	NONE												
SPECIAL	SOUND SYSTEM												



THIS OFFICE SERVES THE ADMINISTRATIVE OFFICES AND SHOULD BE THE ACCESS CONTROL POINT TO THAT GROUP WITH TEMPORARY SEATING FOR APPOINTMENTS.

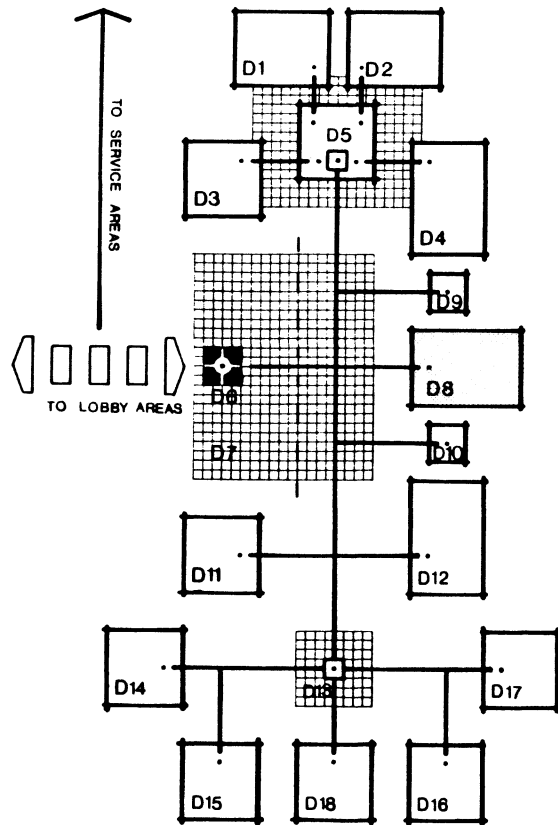
WAITING AREA

D7

USER	GENERAL PUBLIC STUDENT/FACULTY
ACTIVITIES	WAITING ROOM PUBLIC ACCESS CONTROL
AREA	200 S.F.
IMAGE	SIMPLE, WARM, OPEN
ADJACENCY	LOBBY
APPOINTMENTS	LOUNGE SEATING (6) MAGAZINE SELECTION OCCASIONAL TABLES (2)
FINISHES	
WALLS	GWB, SOFT, TACK SPACE
FLOORS	CARPET
CEILING	OPEN, ARCHITECTURAL
WINDOWS	TINTED AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL ACCENT, TASK
LIGHTING	NATURAL,
PLUMBING	WATER FOUNTAIN
SPECIAL	SOUND SYSTEM

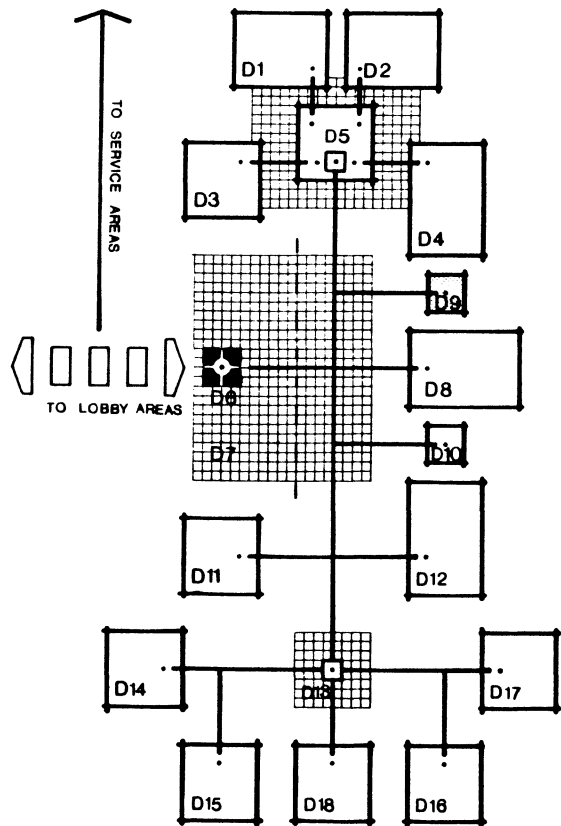
COMPUTER ROOM

D 8



CONTINUOUS CLIMATE CONTROL AND SECURITY IS REQUIRED. NOISE IS A FACTOR, THEREFORE, SOUND PROOFING AND ADJACENCY IS CRITICAL.

USER	AUTHORIZED PERSONNEL
ACTIVITIES	COMPUTER CENTER DATA BASE
AREA	180 S.F.
IMAGE	SIMPLE, BUSINESS
ADJACENCY	RECEPTIONIST
APPOINTMENTS	CENTRAL DATA STORAGE 2 P.C. STATIONS PRINTER FILES/STORAGE
FINISHES	
WALLS	GWB
FLOORS	HARD
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	COMPUTER CLIMATE CONTROL

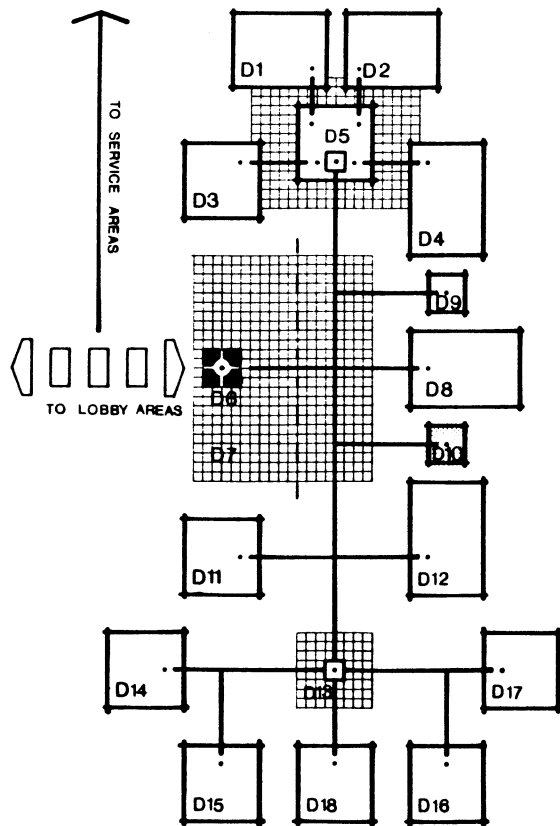


FLOOR TO CEILING WALL SHELVING STORES NEEDED
OFFICE SUPPLIES.

OFFICE STORAGE

D9

USER	GENERAL STAFF
ACTIVITIES	OFFICE STORAGE
AREA	80 S.F.
IMAGE	SIMPLE
ADJACENCY	RECEPTIONIST
APPOINTMENTS	SHELVING
FINISHES	
WALLS	GWB
FLOORS	HARD
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE

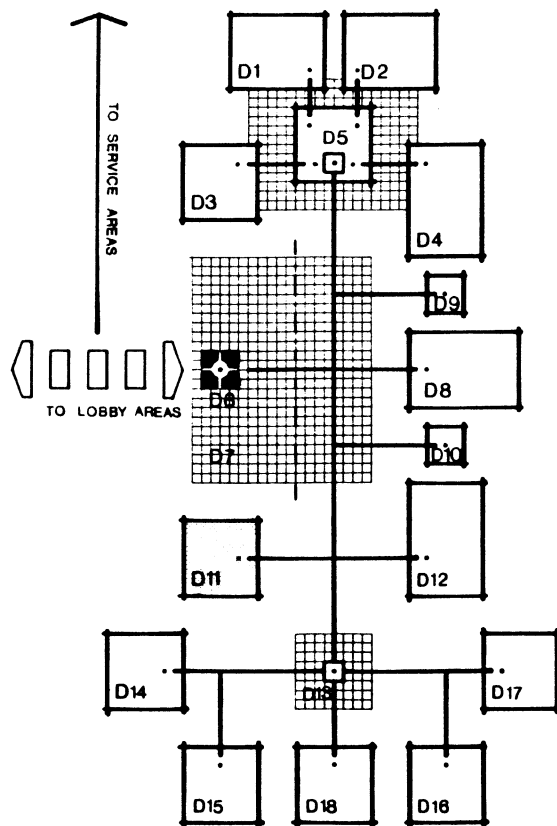


THE COPY ROOM SHOULD PROVIDE BASIC PHOTOCOPY AND LIGHT TYPING SERVICES TO THE GENERAL OFFICE STAFF AND BE ACOUSTICALLY SOUND PROOFED FROM WAITING AREAS.

COPY ROOM

D10

USER	GENERAL OFFICE STAFF
ACTIVITIES	PHOTOCOPY, TYPING
AREA	80 S.F.
IMAGE	SIMPLE, WARM, BUSINESS
ADJACENCY	COMPUTER ROOM, RECEPT.
APPOINTMENTS	WORK TABLE (1) SEATING (1) PHOTOCOPY MACHINE
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILING	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	NONE



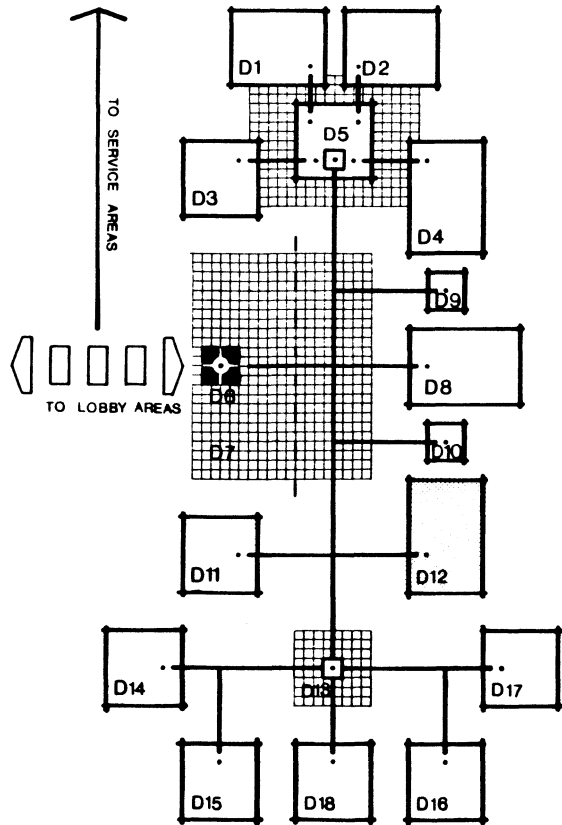
THE OFFICE SHOULD BE A FUNCTIONAL SPACE WITH ONE WALL DEDICATED TO FILE STORAGE LINKUP TO THE CENTER'S DATA BASE; MINIMUM SECURITY CONSIDERATIONS REQUIRED.

ACCOUNTANT

D 11

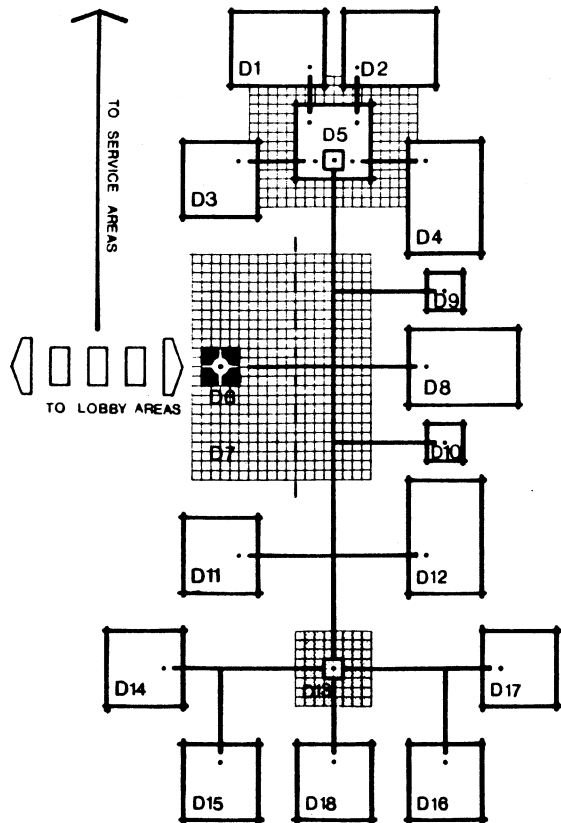
USER	ACCOUNTING PERSONNEL												
ACTIVITIES	BUDGETING ACCOUNT MANAGEMENT												
AREA	120 S.F.												
IMAGE	SIMPLE, BUSINESS												
ADJACENCY	ADM. RECEPTIONIST, COPY ROOM												
APPOINTMENTS	EXECUTIVE DESK (1) WALL FILES P.C. STATION (1) SEATING (1)												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TACK SPACE</td> </tr> <tr> <td>FLOORS</td> <td>CARPET</td> </tr> <tr> <td>CEILINGS</td> <td>ACOUSTIC</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED, CONTROLABLE</td> </tr> <tr> <td>ACOUSTICS</td> <td>QUIET</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TACK SPACE	FLOORS	CARPET	CEILINGS	ACOUSTIC	WINDOWS	TINTED, CONTROLABLE	ACOUSTICS	QUIET	COLOR	NEUTRAL
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ACOUSTICS	QUIET												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, GENERAL TASK</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>DATA BASE HOOKUP</td> </tr> </table>	HVAC	GENERAL	LIGHTING	NATURAL, GENERAL TASK	PLUMBING	NONE	SPECIAL	DATA BASE HOOKUP				
HVAC	GENERAL												
LIGHTING	NATURAL, GENERAL TASK												
PLUMBING	NONE												
SPECIAL	DATA BASE HOOKUP												

PUBLICATIONS EDITOR D12



THE PUBLICATIONS EDITOR ORGANIZES MANUSCRIPTS FROM VARIOUS SCHOLARS IN PREPARATION FOR PUBLICATION BY UNIVERSITY PRESS AND REQUIRES ADEQUATE WORK AND STORAGE SPACE.

USER	PUBLICATIONS EDITOR WORK STUDY/RESEARCHER												
ACTIVITIES	EDITING												
AREA	180 S.F.												
IMAGE	SIMPLE, WARM, BUSINESS												
APPOINTMENTS	EXECUTIVE DESK P.C. STATION BOOKSHELVES LARGE WORK TABLE SEATING												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TACK SPACE</td> </tr> <tr> <td>FLOORS</td> <td>CARPETED</td> </tr> <tr> <td>CEILINGS</td> <td>ACCOUSTIC DROP</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED AS NECESSARY</td> </tr> <tr> <td>ACCOUSTICS</td> <td>SOFT</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TACK SPACE	FLOORS	CARPETED	CEILINGS	ACCOUSTIC DROP	WINDOWS	TINTED AS NECESSARY	ACCOUSTICS	SOFT	COLOR	NEUTRAL
WALLS	GWB, TACK SPACE												
FLOORS	CARPETED												
CEILINGS	ACCOUSTIC DROP												
WINDOWS	TINTED AS NECESSARY												
ACCOUSTICS	SOFT												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, GEN. FLOURESCENT</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>SOUND SYSTEM</td> </tr> </table>	HVAC	GENERAL	LIGHTING	NATURAL, GEN. FLOURESCENT	PLUMBING	NONE	SPECIAL	SOUND SYSTEM				
HVAC	GENERAL												
LIGHTING	NATURAL, GEN. FLOURESCENT												
PLUMBING	NONE												
SPECIAL	SOUND SYSTEM												

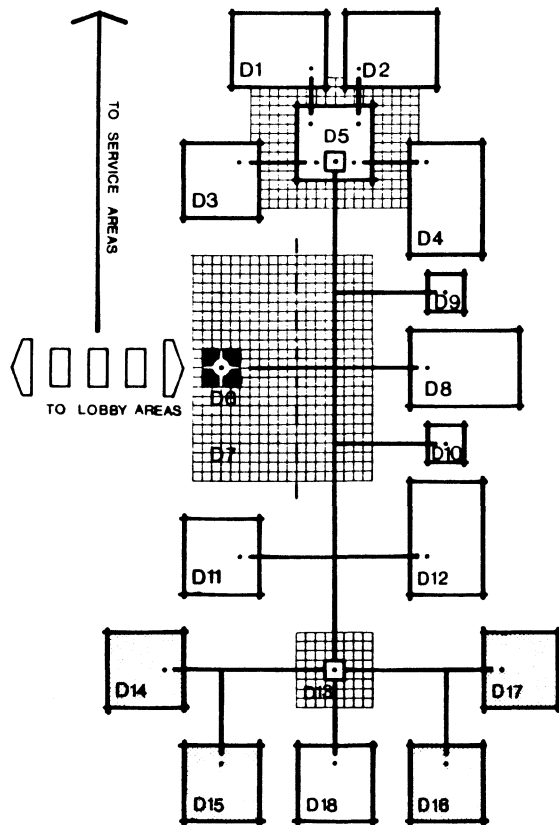


THIS SMALL WORK SPACE IS USED BY TEACHING ASSISTANTS WHO ASSIST THE FACULTY.

WORK STATION

D 13

USER	WORK STUDY PERSONNEL
ACTIVITIES	GENERAL OFFICE SUPPORT
AREA	80 S.F.
IMAGE	SIMPLE, WARM, BUSINESS
ADJACENCY	FACULTY OFFICES, RECEPT.
APPOINTMENTS	WORK TABLE (1) SEATING (1) P.C. STATION (1)
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, GENERAL
PLUMBING	NONE
SPECIAL	NONE

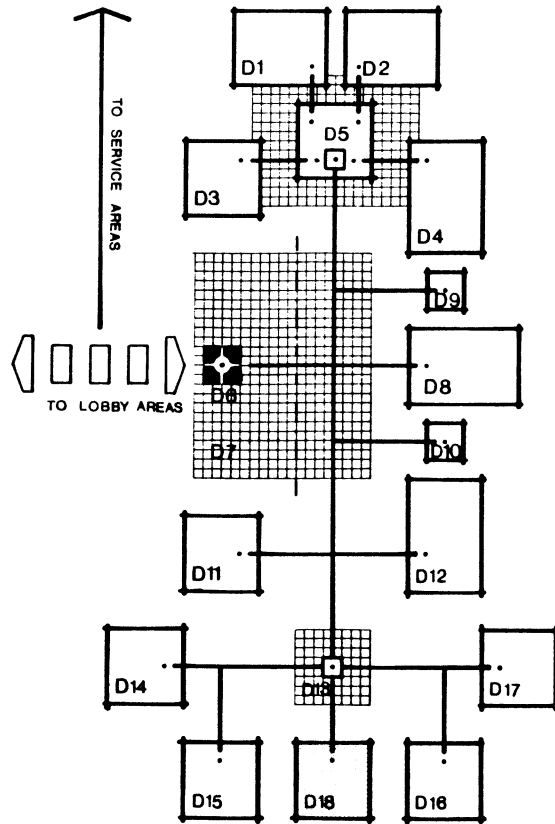


DISTINCTIVE OFFICE SPACE FOR UP TO FOUR PERMANENT FACULTY SHOULD BE RELATIVELY ISOLATED FROM THE ACTIVITY OF THE ADMINISTRATIVE OFFICES.

FACULTY

D 14-17

USER	RESIDENT FACULTY												
ACTIVITIES	GENERAL OFFICE												
AREA	120 S.F.												
IMAGE	SIMPLE, WARM, BUSINESS												
ADJACENCY	WORK STATION, RECEPT.												
APPOINTMENTS	EXECUTIVE DESK (1) P.C. STATION (1) SHELVES/STORAGE (1) FILES (1) TACK SPACE												
FINISHES	<table border="0"> <tr> <td>WALLS</td> <td>GWB, TACK SPACE</td> </tr> <tr> <td>FLOORS</td> <td>CARPET</td> </tr> <tr> <td>CEILINGS</td> <td>ACOUSTIC</td> </tr> <tr> <td>WINDOWS</td> <td>TINTED, CONTROLABLE</td> </tr> <tr> <td>ACOUSTICS</td> <td>SOFT</td> </tr> <tr> <td>COLOR</td> <td>NEUTRAL</td> </tr> </table>	WALLS	GWB, TACK SPACE	FLOORS	CARPET	CEILINGS	ACOUSTIC	WINDOWS	TINTED, CONTROLABLE	ACOUSTICS	SOFT	COLOR	NEUTRAL
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FLOORS	CARPET												
CEILINGS	ACOUSTIC												
WINDOWS	TINTED, CONTROLABLE												
ACOUSTICS	SOFT												
COLOR	NEUTRAL												
SYSTEMS	<table border="0"> <tr> <td>HVAC</td> <td>GENERAL</td> </tr> <tr> <td>LIGHTING</td> <td>NATURAL, GENERAL TASK</td> </tr> <tr> <td>PLUMBING</td> <td>NONE</td> </tr> <tr> <td>SPECIAL</td> <td>NONE</td> </tr> </table>	HVAC	GENERAL	LIGHTING	NATURAL, GENERAL TASK	PLUMBING	NONE	SPECIAL	NONE				
HVAC	GENERAL												
LIGHTING	NATURAL, GENERAL TASK												
PLUMBING	NONE												
SPECIAL	NONE												

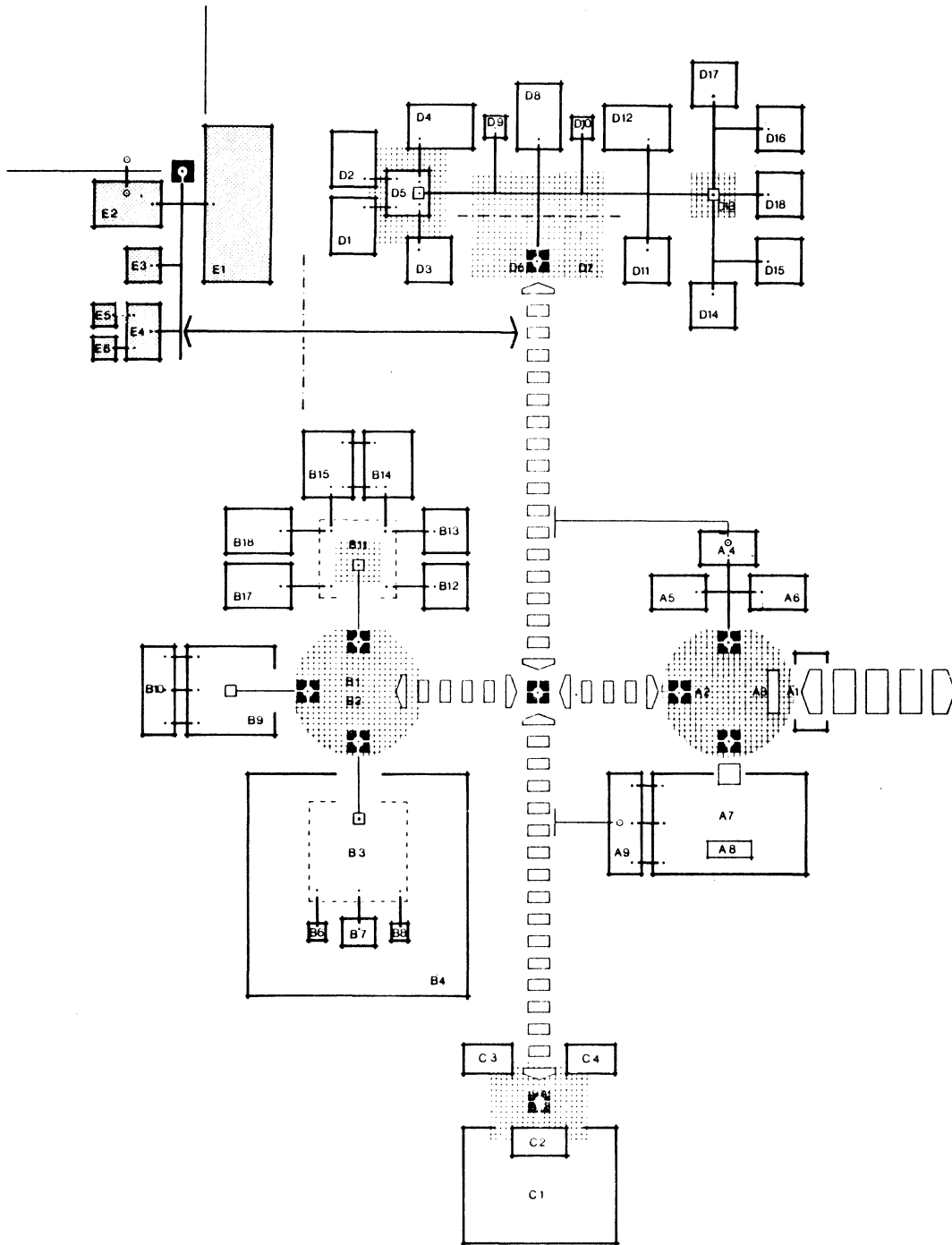


THIS OFFICE SHOULD OFFER SIMILAR FACILITIES TO THE TRAVELLING SCHOLAR AS REGULAR FACULTY.

VISITING FACULTY

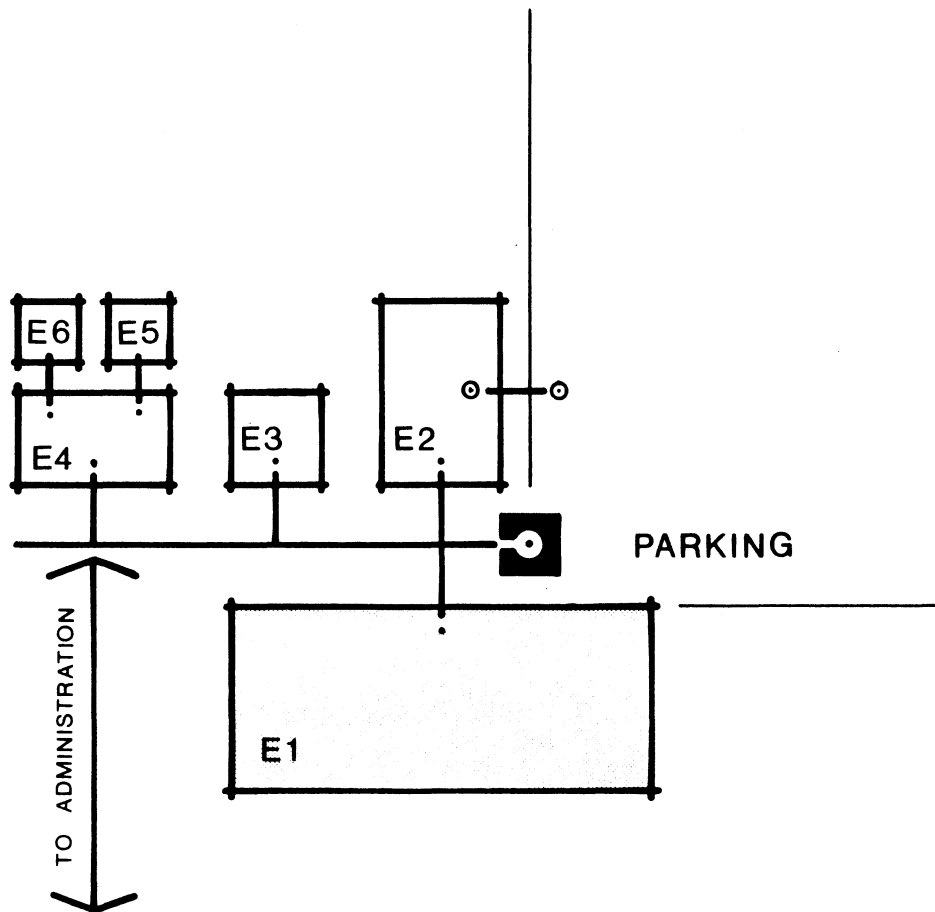
D18

USER	VISITING SCHOLAR
ACTIVITIES	GENERAL OFFICE
AREA	120 S.F.
IMAGE	SIMPLE, WARM, BUSINESS
ADJACENCY	WORK STUDY, RECEPTIONIST
APPOINTMENTS	EXECUTIVE DESK (1) SHELVES/STORAGE TACK SPACE
FINISHES	
WALLS	GWB, TACK SPACE
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	TINTED, CONTROLABLE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	NATURAL, GENERAL TASK
PLUMBING	NONE
SPECIAL	NONE



SERVICE

E1 MECHANICAL 4% G.S.F.	950 S.F.
E2 LOADING DOCK	200 S.F.
E3 MAINTENANCE CLOSET	100 S.F.
E4 STAFF BREAK ROOM	150 S.F.
E5 MEN'S/WOMEN'S TOILET	100 S.F.
<hr/>	
E6 PARKING 16 FULL-TIME EMPLOYEES 4 PART-TIME EMPLOYEES	
NET AREA	1400 S.F.

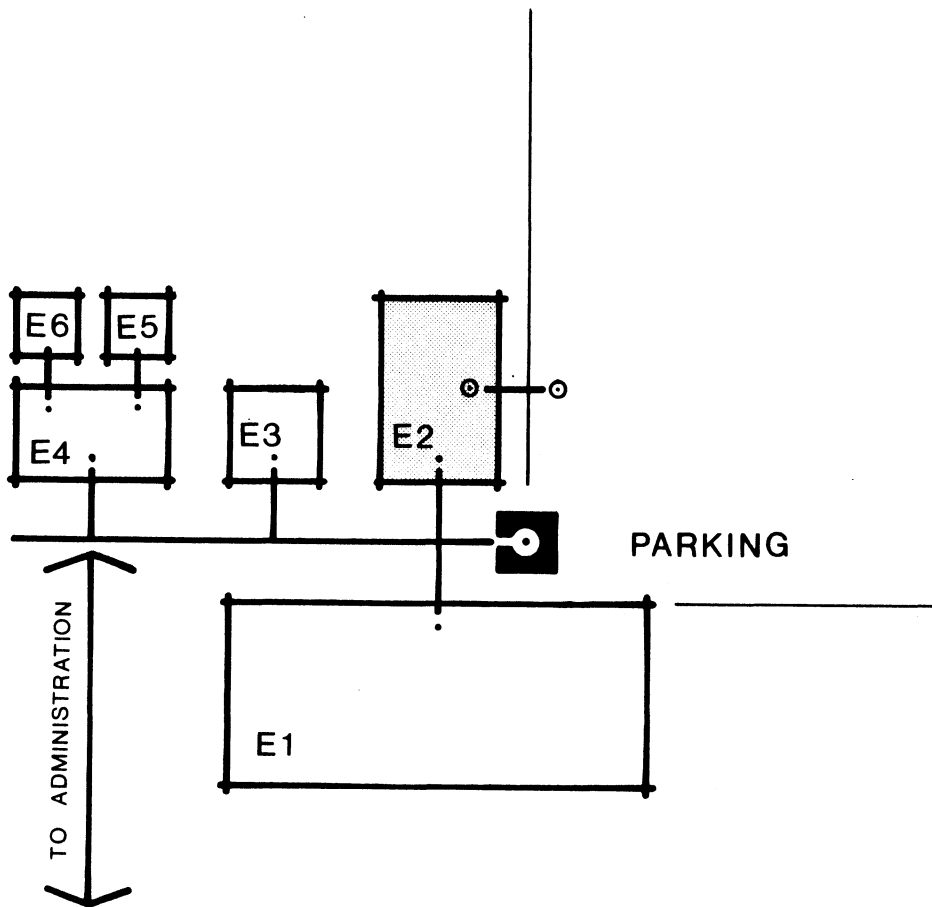


BOTH STEAM AND CHILLED WATER ARE SUPPLIED FROM THE UNIVERSITY POWER PLANT. HUMIDITY CONTROL, FRESH AIR AND EXHAUST SHOULD BE TASTEFULLY HANDLED.

MECHANICAL

E1

USER	MAINTENANCE PERSONNEL
ACTIVITIES	MECHANICAL SPACE
AREA	4% GROSS S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	LOADING DOCK, PARKING
APPOINTMENTS	A.H.U. ELECTRICAL CLOSET MOISTURE CONTROL EQUIP.
FINISHES	
WALLS	GWB, MOISTURE PROOFING
FLOORS	HARD, WEAR RESISTANT
CEILINGS	HARD, MOISTURE PROOF
WINDOWS	NONE
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	HOT, COLD, STORM DRAINAGE
SPECIAL	CHILLED WATER/STEAM SYS.

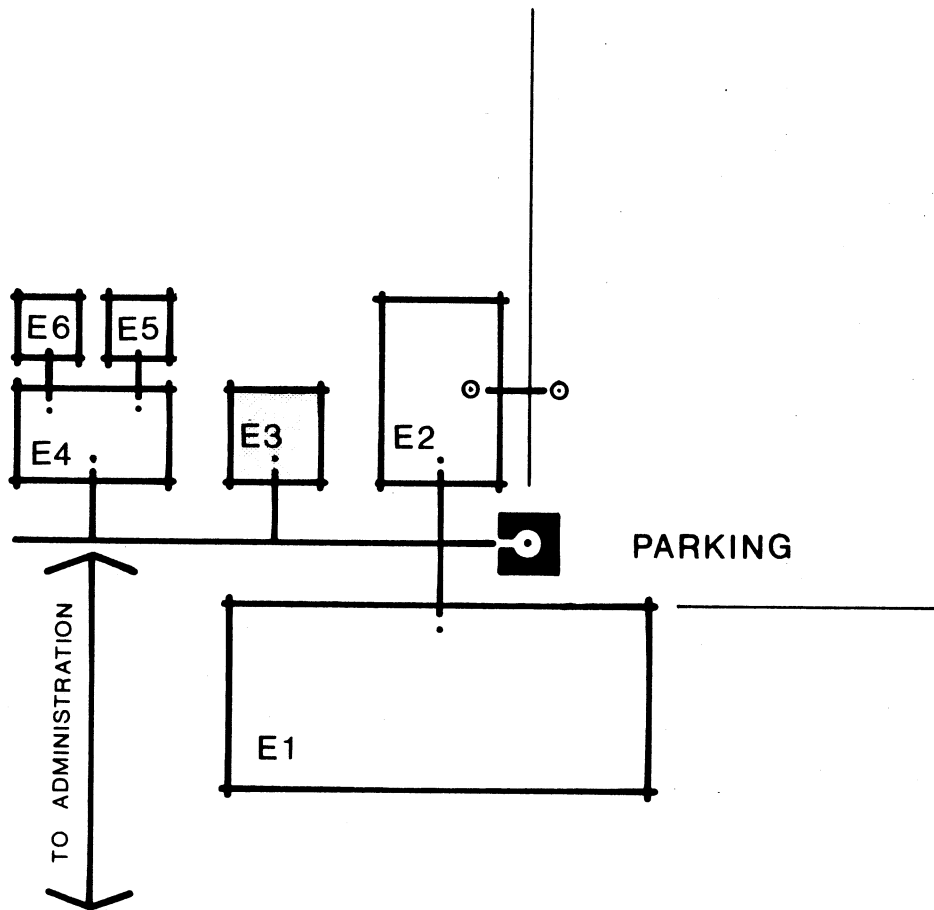


THE LOADING DOCK AREA FOR SMALL VEHICLE DELIVERY SHOULD SHARE ACCESS WITH PARKING. TRASH PICK-UP MAY BEST BE HANDLED HERE. AN OVERHEAD DOOR SECURES A SMALL VESTIBULE WHICH OPENS INTO THE MECHANICAL ROOM.

LOADING DOCK

E 2

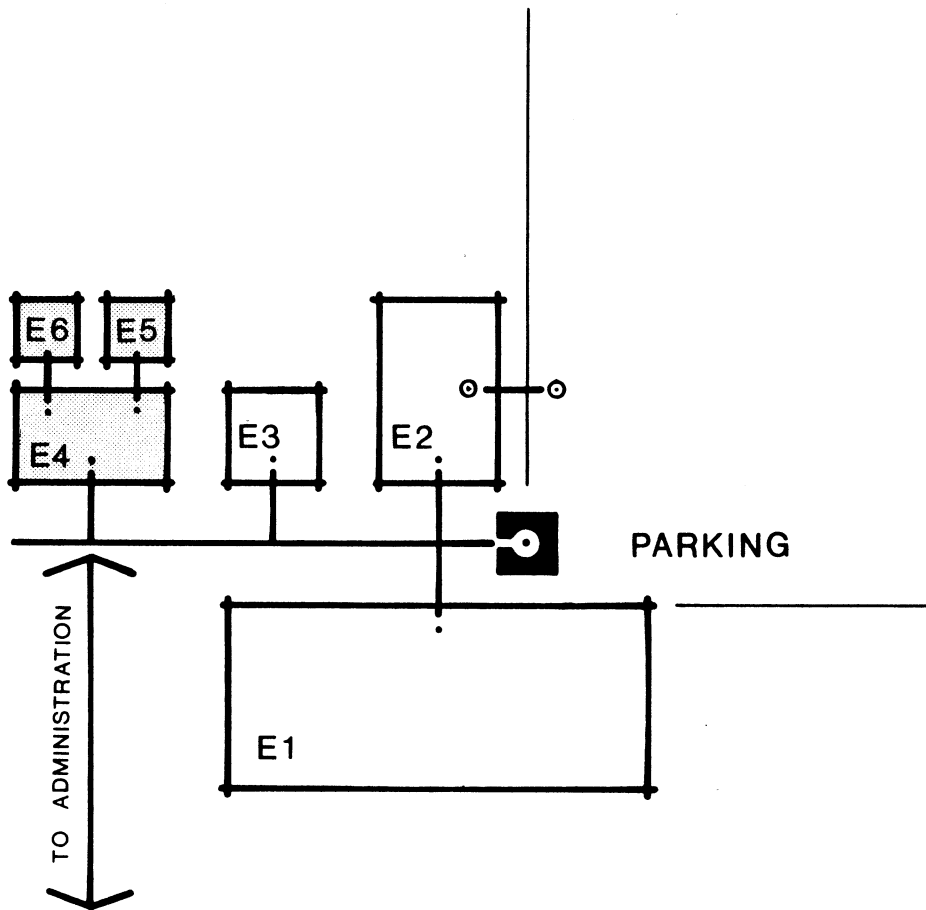
USER	DELIVERY PERSONNEL STAFF
ACTIVITIES	DELIVERY/STORAGE WASTE STORAGE
AREA	200 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	OUTDOORS, PARKING
APPOINTMENTS	8 FOOT LOADING DOCK SPACE FOR 1 DUMPSTER OVERHEAD DOOR STORAGE VESTIBULE
FINISHES	
WALLS	GWB, MOISTURE PROOFING
FLOORS	HARD, WEAR RESISTANT
CEILINGS	HARD, MOISTURE PROOF
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	LOADING EQUIP. POSSIBLE



BASIC MAINTENANCE SUPPLIES AND EQUIPMENT ARE STORED HERE WITH ADEQUATE ACCESS TO CONTROLLED STAFF AREAS.

MAINTENANCE CLOSET E3

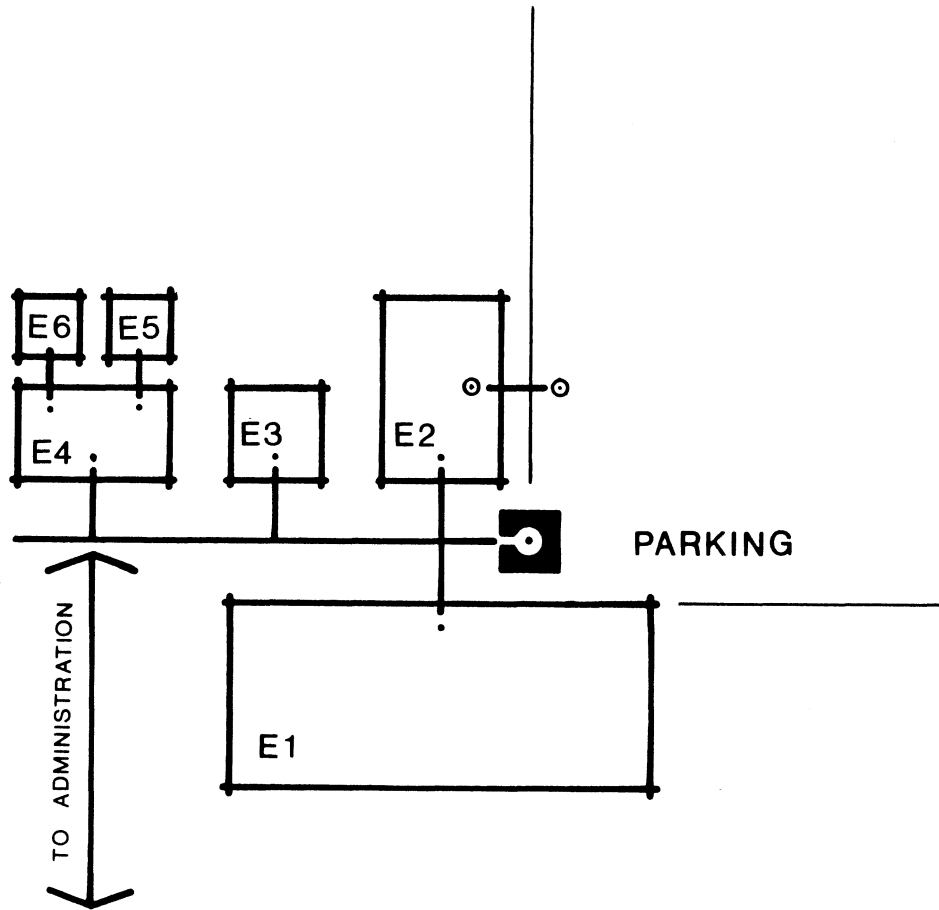
USER	MAINTENANCE PERSONNEL STAFF
ACTIVITIES	MAINTENANCE CLOSET
AREA	100 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	MECHANICAL, LOADING DOCK
APPOINTMENTS	LARGE SHELVING MOP SINK CABINET STORAGE
FINISHES	
WALLS	GWB, MOISTURE PROOFING
FLOORS	HARD, WEAR RESISTANT
CEILINGS	HARD, MOISTURE PROOF
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	HOT, COLD, SEWER
SPECIAL	NONE



A SMALL KITCHENETTE AND BREAK ROOM SHOULD BE COMFORTABLY APPOINTED BUT EASILY MAINTAINED; CONTROLLED ACCESS ONLY.

STAFF BREAK ROOM E 4,5&6

USER	ALL STAFF PERSONNEL
ACTIVITIES	STAFF COFFEE ROOM STAFF TOILETS
AREA	150 S.F.
IMAGE	SIMPLE, EFFICIENT
ADJACENCY	EMPLOYEE ENTRY
APPOINTMENTS	BREAK TABLE SEATING FOR 6 KITCHENETTE MEN'S TOILET WOMEN'S TOILET LOCKERS (40)
FINISHES	
WALLS	GWB
FLOORS	CARPET
CEILINGS	ACOUSTIC
WINDOWS	AS NECESSARY
ACOUSTICS	SOFT
COLOR	NEUTRAL
SYSTEMS	
HVAC	GENERAL
LIGHTING	GENERAL
PLUMBING	HOT, COLD, SEWER
SPECIAL	NONE



ACCESS TO ALUMNI CENTER AND GREGORY HALL PARKING LOTS IS CRITICAL. EGRESS AND ACCESS MUST BE HANDLED FROM ONE COMMON POINT ON SAN JACINTO DRIVE. PUBLIC PARKING IS A DESIGN ISSUE CRITICAL TO A DESIRED COMMUNITY CONNECTION AND CAN BE HANDLED ON OR OFF SITE.

PARKING

USER	STAFF/FACULTY
ACTIVITIES	PARKING
AREA	AS REQUIRED
IMAGE	OPEN, WELL ILLUMINATED
ADJACENCY	EMP. ENTRY, LOADING DOCK
APPOINTMENTS	2 HANDICAPPED SPACES PARKING FOR 16 FULL-TIME PARKING FOR 4 PART-TIME PUBLIC SPACES AS POSSIBLE
FINISHES	
WALLS	MOISTURE PROOF
FLOORS	HARD
CEILINGS	HARD
WINDOWS	NONE
ACOUSTICS	HARD
COLOR	NEUTRAL
SYSTEMS	
HVAC	NONE
LIGHTING	GENERAL
PLUMBING	NONE
SPECIAL	PERMITTED PARKING

CONCLUSIONS

KEY WORDS

FORM

SITE

ENVIRONMENT

QUALITY

IMAGE

FUNCTION

RELATIONSHIPS

ACTIVITIES

FLEXIBILITY

COLLECTION

ECONOMY

SYSTEMS

ENERGY

TIME

PERMANENCE

GROWTH

GOALS & CONCEPTS

SITE

GOAL: to achieve a wholistic building/site relationship.

CONCEPT: integrate the natural aspects of the site with public areas within the Center.

CONCEPT: use the existing East Mall entry onto campus as a basis for the entry and circulation concepts of the Center.

CONCEPT: use sight lines to the Main Tower, to the fountain and along Waller Creek to visually tie the Center to its context.

ENVIRONMENT

GOAL: to enhance the communication process by establishing a unique environment sensitive to a broad cross-section of University students.

CONCEPT: develop outdoor areas of interest, defined by building form and/or elements, that will be used by students and passersby alike.

CONCEPT: provide easy access to outdoor areas from the East Mall and from the Center.

CONCEPT: through sensitive use of scale and massing, emphasize the human aspects of the environment while down-playing monumental displays of form.

QUALITY

GOAL: to augment the Center's overall goal of providing a quality educational experience.

CONCEPT: reflect the rich heritage of using regional craftsmen and materials as exhibited in Middle Eastern culture.

CONCEPT: develop building form, fenestration and orientation that is sensitive to the educational process rather than fashion.

IMAGE

GOAL: to present an identifiable image that addresses all of the Center's intended users.

CONCEPT: adapt the meanings of traditional Islamic architecture in unique and expressive ways in order to attract the non-Western student.

CONCEPT: use contextual images of form and materials that will weave the Center into the University fabric.

RELATIONSHIPS

GOAL: to promote the smooth operation of the Center and to provide an easily readable building.

CONCEPT: group public and private spaces to provide passive control of circulation - use few signs.

CONCEPT: orient major operational functions, the lecture and resource facilities, toward entry and public circulation.

ACTIVITIES

GOAL: to provide multiple functions within the Center that will encourage social, cultural, intellectual and educational activity.

CONCEPT: use a unified building concept which allows all interrelated activities to continuously occur.

CONCEPT: maintain high public accessibility to the resource and exhibit facilities.

FLEXIBILITY

GOAL: to provide a complete educational experience on a wide range of Middle East topics.

CONCEPT: collect the presently scattered resources of the Center under one roof and organize that material to present its most useful purpose.

COLLECTION

GOAL: to maintain a vital community connection.

CONCEPT: accommodate various lecture, dining, and social functions within a single flexible lobby space.

CONCEPT: provide flexible exhibit facilities that will attract various travelling exhibits.

SYSTEMS

GOAL: to provide a comfortable yet adaptable environment within the confines of energy conservation.

CONCEPT: centralize and simplify the Center's mechanical facilities to reduce the need for massive air handling equipment.

CONCEPT: provide zoned comfort control of the Center's different functions based on changing needs and load requirements.

ENERGY

GOAL: to address future energy restrictions in terms of lighting, environmental and maintenance systems.

CONCEPT: provide variable and timed switching in order to best control lighting usage and energy consumption.

CONCEPT: use controlled daylighting to provide ambient lighting levels while simultaneously restricting its impact on comfort systems.

PERMANENCE

GOAL: to provide a sense of lasting permanence.

CONCEPT: choice of materials and quality of construction should reflect a sense of permanence.

GROWTH

GOAL: to take into consideration any future expansion of the facility.

CONCEPT: flexibility in form and fenestration techniques should allow for moderate expansion.

THE PROBLEM

FORM

Since there is an express need for inter-personal communication between the various cultures representing the Center, this issue should be creatively addressed in all aspects of design.

Since the Main Tower commands such prominence to the East Mall site, views of it should be used to establish a visual link to the University.

Given the natural aspects of the site, scale and massing should respect the greenbelt area along Waller Creek and integrate its strengths wherever possible.

Since the Center's primary users are of such diverse backgrounds, the chief function of form should be to achieve a strong sense of place; an identifiable common ground to its users.

FUNCTION

Since flexibility is a major concern to space planning, state of the art communications, audio/visual and lighting technology is needed to enhance this aspect of design.

Given the importance of the East mall entry and the fountain, circulation sequencing should properly react to its activity and noise levels.

Since zoning, setbacks and height/mass are not regulated on campus, sensitivity to existing conditions and adherence to local building codes shall be assumed guidelines.

ECONOMY

While initial building cost is of little concern, operating and maintenance costs in the future cannot be predicted; design should occur from this point of view.

TIME

Since the expansion of the Center from its present facilities allows increased freedom in academic programming, growth of classroom/office space must be of moderate concern.

The Center for Middle Eastern Studies is not meant to be confined within fixed walls. In fact, the program de-emphasizes monumental building solutions in order to free the designer of complex functional decisions. He should then be able to better respond to those emotional and psychological needs which enhance the functional needs of the Center. The building solution should be conceived only as part of a total environment where the formal function of the Center complements the daily activity of its context. It must simultaneously derive its life from and give life to its particular place. By doing so, the Center's environment subliminally stimulates interest in the issues it addresses and encourages the dialogue necessary to communicate those issues to a broad student base. Therefore, control of the genius loci is the design challenge for if the Center is to fulfill its educational purpose - it must breathe.