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CIVIC & CULTURAL
CENTER, SHAH ALAM
MALAYSIA

1989

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CIVIC AND CULTURAL CENTER, SHAH ALAM, MALAYSIA

BY

ZAIDI B. AZIZ

A PROFESSIONAL PAPER SUBMITTED IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE DEGREE
OF

BACHELOR OF ARCHITECTURE

APPROVED:

ADVISOR

THESIS COORDINATOR

DIRECTOR, SCHOOL OF ARCHITECTURE

MONTANA STATE UNIVERSITY
BOZEMAN, MONTANA

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TO MY FAMILY.....

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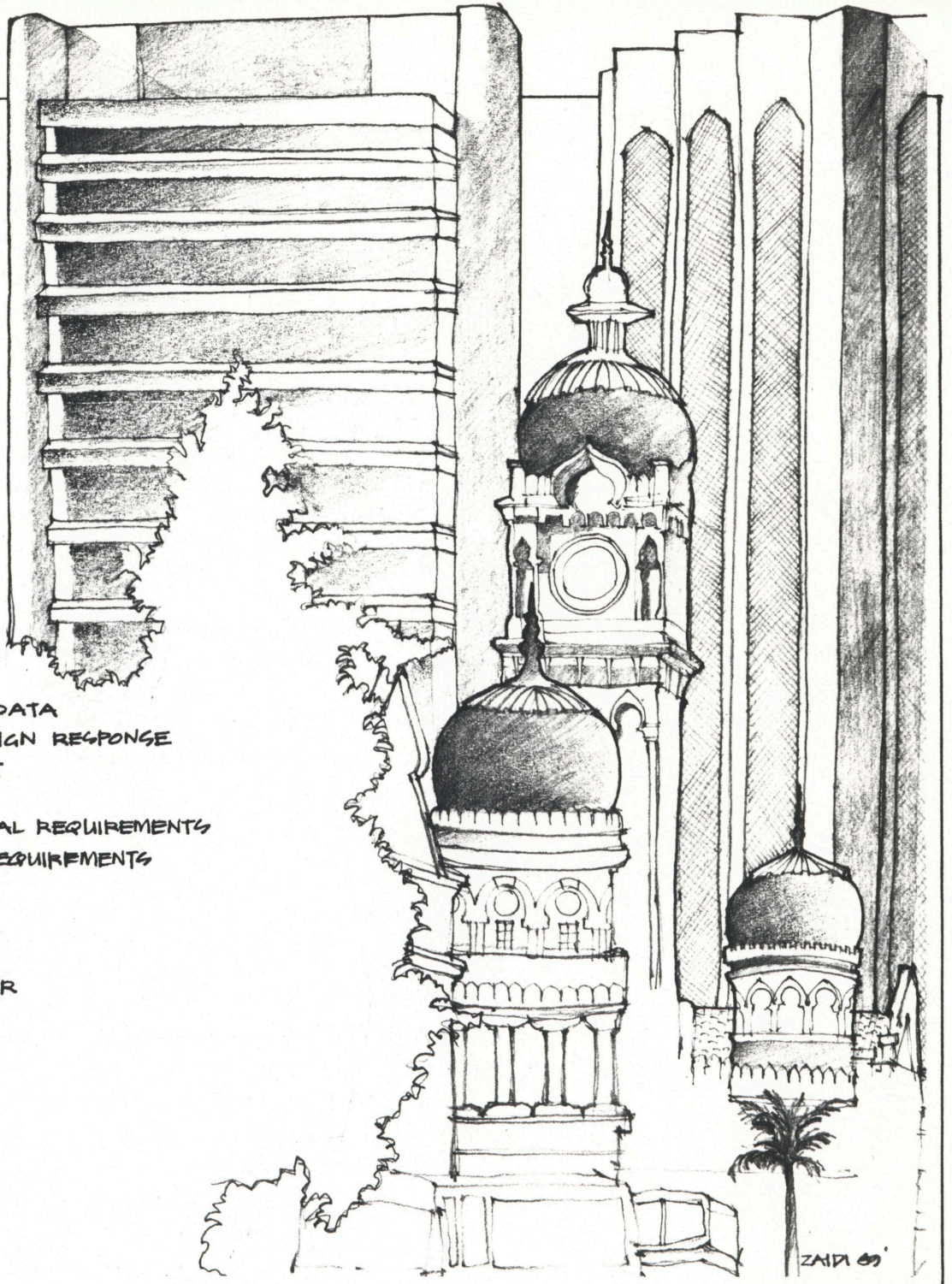
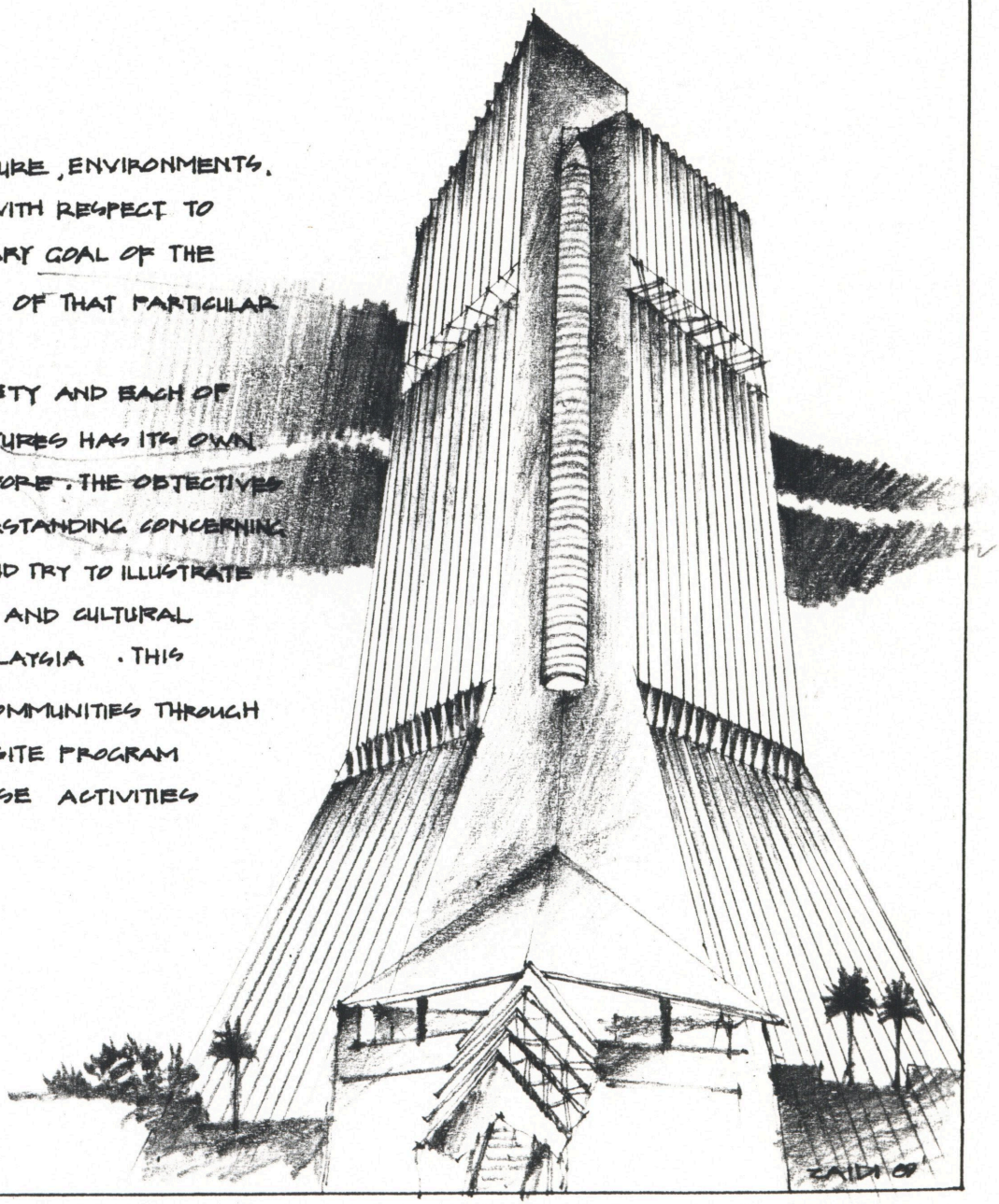


INTRODUCTION

CULTURE CHANGES WITH TIME. ARCHITECTURE, ENVIRONMENTS, AND SOCIETY OF THAT CULTURE ALSO CHANGE WITH RESPECT TO TIME. IN RESPECT TO ARCHITECTURE, THE PRIMARY GOAL OF THE ARCHITECT IS TO DESIGN UNDER THE INFLUENCE OF THAT PARTICULAR CULTURE.

MALAYSIA, HAS A MULTI-CULTURAL SOCIETY AND EACH OF THE DIFFERENT RACIAL COMMUNITIES AND CULTURES HAS ITS OWN CUSTOMS, TRADITIONS AND FESTIVALS. THEREFORE, THE OBJECTIVES OF MY THESIS IS TO DEVELOP A BETTER UNDERSTANDING CONCERNING THE COMMUNITIES AND THE CULTURES ITSELF, AND TRY TO ILLUSTRATE THIS UNDERSTANDING IN THE DESIGN OF A CIVIC AND CULTURAL CENTER FOR THE CITY OF SHAH ALAM IN MALAYSIA. THIS FACILITY ALLOWS ACCOMADATION TO THESE COMMUNITIES THROUGH ITS SITE DEVELOPMENT. THE SCOPE OF THE SITE PROGRAM INVITES A COMING TOGETHER OF MANY DIVERSE ACTIVITIES AND PEOPLE.





THESIS ; THE PROJECT

PROJECT STATEMENT

TO VISUALIZE AND TO DESIGN A CIVIC AND CULTURAL CENTER FOR A CITY OF SHAH ALAM. THIS COMPLEX WILL PROVIDE A VITAL URBAN CENTER FOR SHAH ALAM AS WELL AS FOR MALAYSIA AS A WHOLE.

PROJECT SCOPE

THE SCOPE OF THIS PROJECT IS TO INCLUDE :

1. THE DESIGN OF THE FOLLOWING :

- MUSEUM COMPLEX
- PERFORMING ARTS THEATER
- LIBRARY AND ADMINISTRATION
- FESTIVAL PLAZA

2. A FULL SITE DEVELOPMENT , INCLUDE :

- LINK AND ACCESSIBILITY TO COMMERCIAL, RESIDENTIAL AND TO THE FUTURE TOWN CENTER.
- ON SITE PARKING PROBLEM
- LAKE AREAS
- ALL OPEN SPACES

3. PRECEDENT RESEARCH FOR SPATIAL SIZING , DESIGN CONCEPTS AND IDEAS.

PROJECT FOCUS

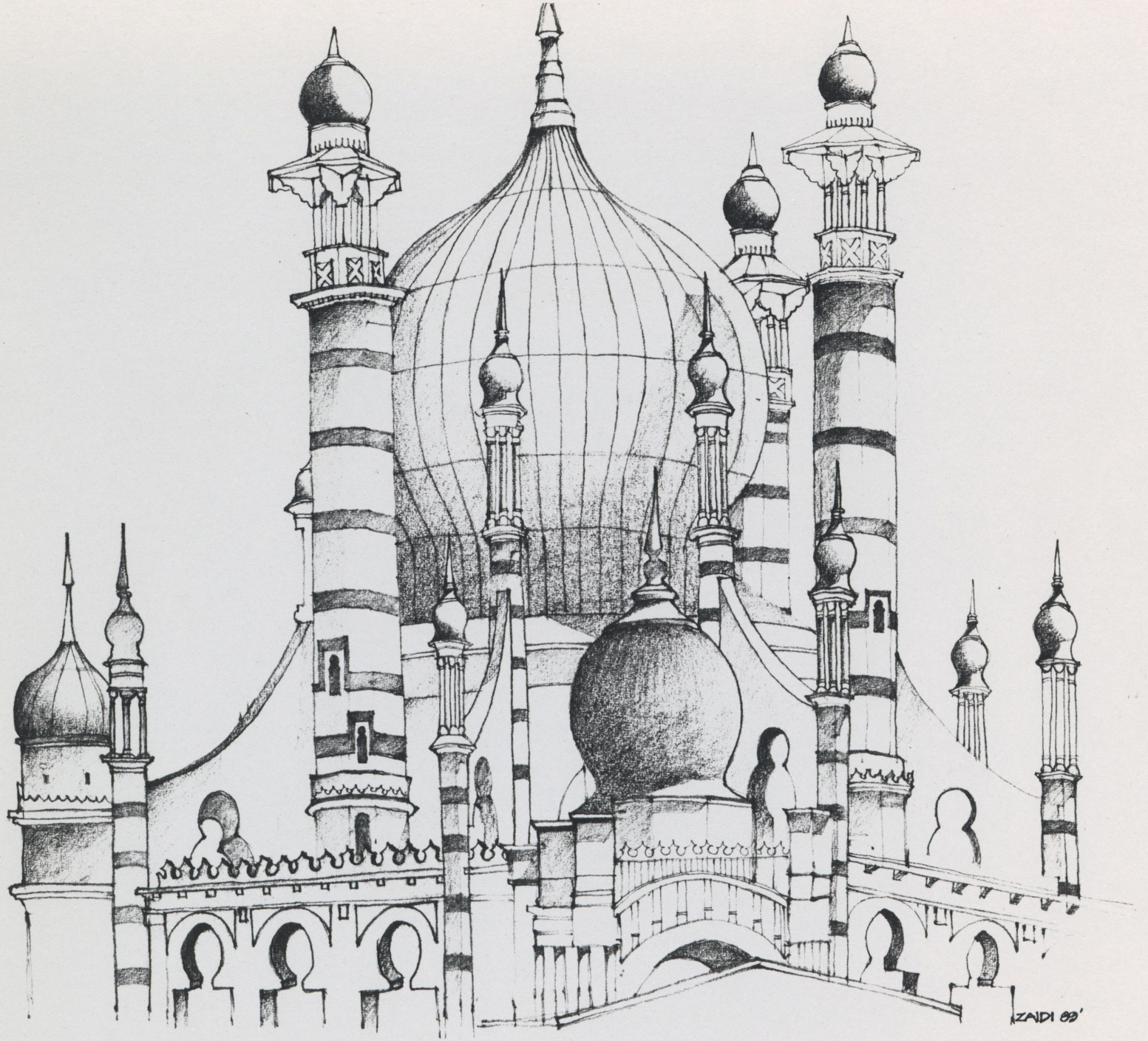
THE FOCUS OF THE PROJECT WILL PRIMARILY BE ON THE DESIGN OF THE COMPLEX AND PLAZA, ITS ORGANIZATION, IMAGE, HUMAN NEEDS, FORM AND MATERIALS, AS WELL AS ITS RELATIONSHIP TO THE SITE AND THE SURROUNDING AREAS. ATTENTION WILL ALSO BE ADDRESSED IN BOTH AREA OF TROPICAL CLIMATE NEEDS AND AESTHETIC CONSIDERATION.

EDUCATIONAL GOALS

- TO UNDERSTAND THE IMPLICATIONS AND TO BE INVOLVED IN THE AREA OF A REAL COMMUNITY PLANNING AND ARCHITECTURE (URBAN DESIGN).
- TO EXPLORE A VARIOUS POSSIBLE SOLUTIONS CREATING A COMPLEX THAT INVOLVE MORE TO THE HUMAN NEEDS.
- TO UNDERSTAND MORE ABOUT MY CULTURES AND TRY TO ILLUSTRATE THIS UNDERSTANDING IN THE DESIGN OF A CIVIC AND CULTURAL CENTER COMPLEX.
- TO APPLY MY BEST KNOWLEDGE AND ABILITIES THAT I HAVE LEARNED FROM THE PREVIOUS COURSES.
- TO HAVE A STRONG EDUCATIONAL RELATIONSHIP WITH THE ADVISORS.

PROJECT GOALS

- TO CREATE AND TO DESIGN A QUALITY CIVIC AND CULTURAL CENTER FACILITY .
- TO CREATE A COMPLEX THAT CAN ATTRACT AND DRAW PEOPLE IN FROM THE OUTSIDE .
- TO STUDY AND TO DEVELOP A VARIOUS POSSIBLE SOLUTIONS OF THE DESIGN THAT CAN LEAD TO A UNIQUE IMAGE OF THE COMPLEX .
- TO CREATE A COMPLEX THAT BLENDS WITH THE FABRIC OF THE CITY ITSELF AND YET MAINTAIN THE CONTEXTUAL AESTHETICS .
- TO PRESERVE THE EXISTING ENVIRONMENT OF THE SITE IN CREATING A FEELING OF HARMONY OF THE COMPLEX WITH THE NATURAL ENVIRONMENT .
- TO CREATE A COMPLEX THAT LINKS AND HAS EASY ACCESS TO RESIDENTIAL , COMMERCIAL AND TO FUTURE TOWN CENTER .
- TO CREATE A COMFORTABLE AND RELAXING OUTDOOR SPACES , SERVING AS A "FESTIVAL PLAZA" .
- TO CREATE A RELATIONSHIP WITH THE EXISTING LAKE BY INCORPORATING A PUBLIC OPEN SPACES OR PLAZA WITHIN THE COMPLEX ITSELF .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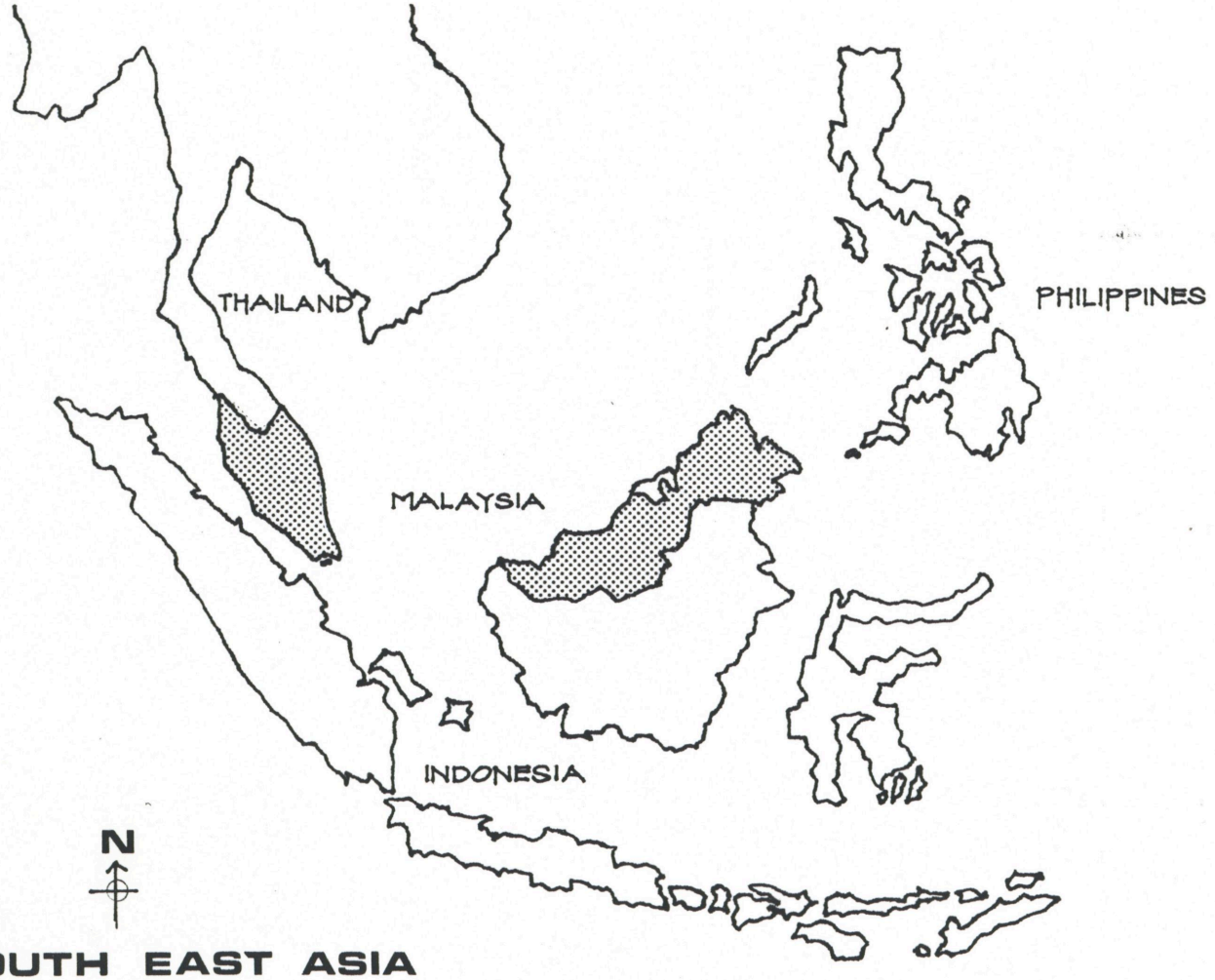
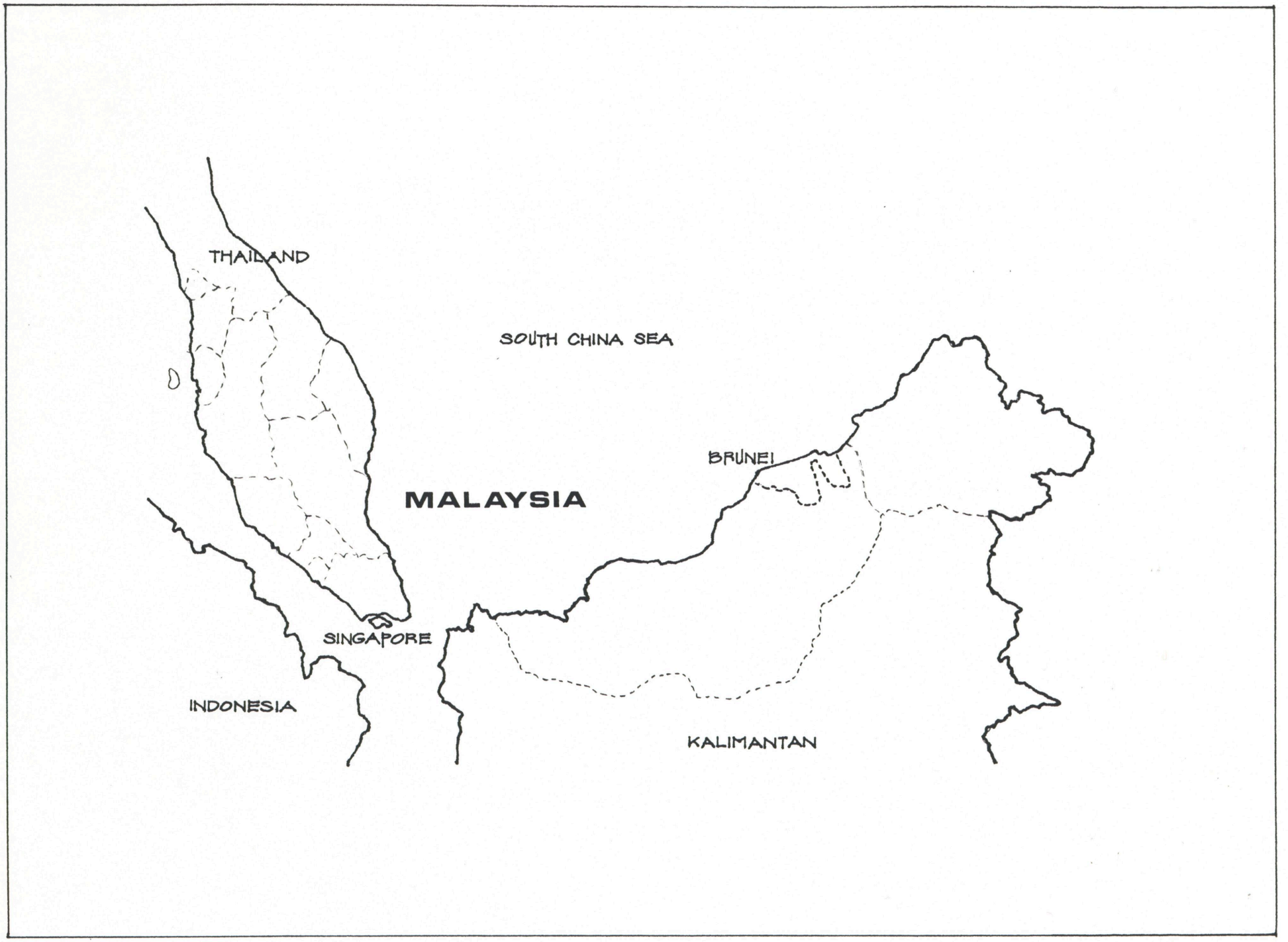
MALAYSIA ; BRIEF FACTS



SOUTH EAST ASIA


THAILAND
SOUTH CHINA SEA
BRUNEI
MALAYSIA
SINGAPORE
INDONESIA
KALIMANTAN

LOCATION :

MALAYSIA IS SITUATED IN THE CENTRAL PART OF SOUTH EAST ASIA, IN THE SQUARE BORDERED BY LONGITUDES 100° AND 120° EAST, AND LATITUDES FORMED BY THE EQUATOR AND 7° NORTH. TO THE NORTH OF MALAYSIA ARE THAILAND, BURMA, LAOS & VIETNAM, TO THE SOUTH, SINGAPORE AND INDONESIA, AND TO THE EAST ARE THE ISLANDS OF THE PHILIPPINES.

AREA :

MALAYSIA IS MADE UP OF TWO PARTS, THE MALAY PENINSULA AND THE STATES OF SABAH AND SARAWAK ON THE ISLAND OF BORNEO. THE TOTAL LAND AREA IS 330,434 SQ. KM. WITH 131,587 SQ. KM IN PENINSULAR MALAYSIA AND 198,847 SQ. KM. IN SABAH AND SARAWAK.

POPULATION :

MALAYSIA IS A MULTIRACIAL COUNTRY WITH A POPULATION OF 15.6 MILLION. PENINSULAR MALAYSIA HAS 12.9 MILLION PEOPLE WHILE SABAH AND SARAWAK HAVE 2.7 MILLION. MALAYS, CHINESE, INDIANS AND THE INDIGENOUS PEOPLE OF SABAH & SARAWAK FORM THE MAJORITY OF THE POPULATION.

STATES AND CAPITALS :

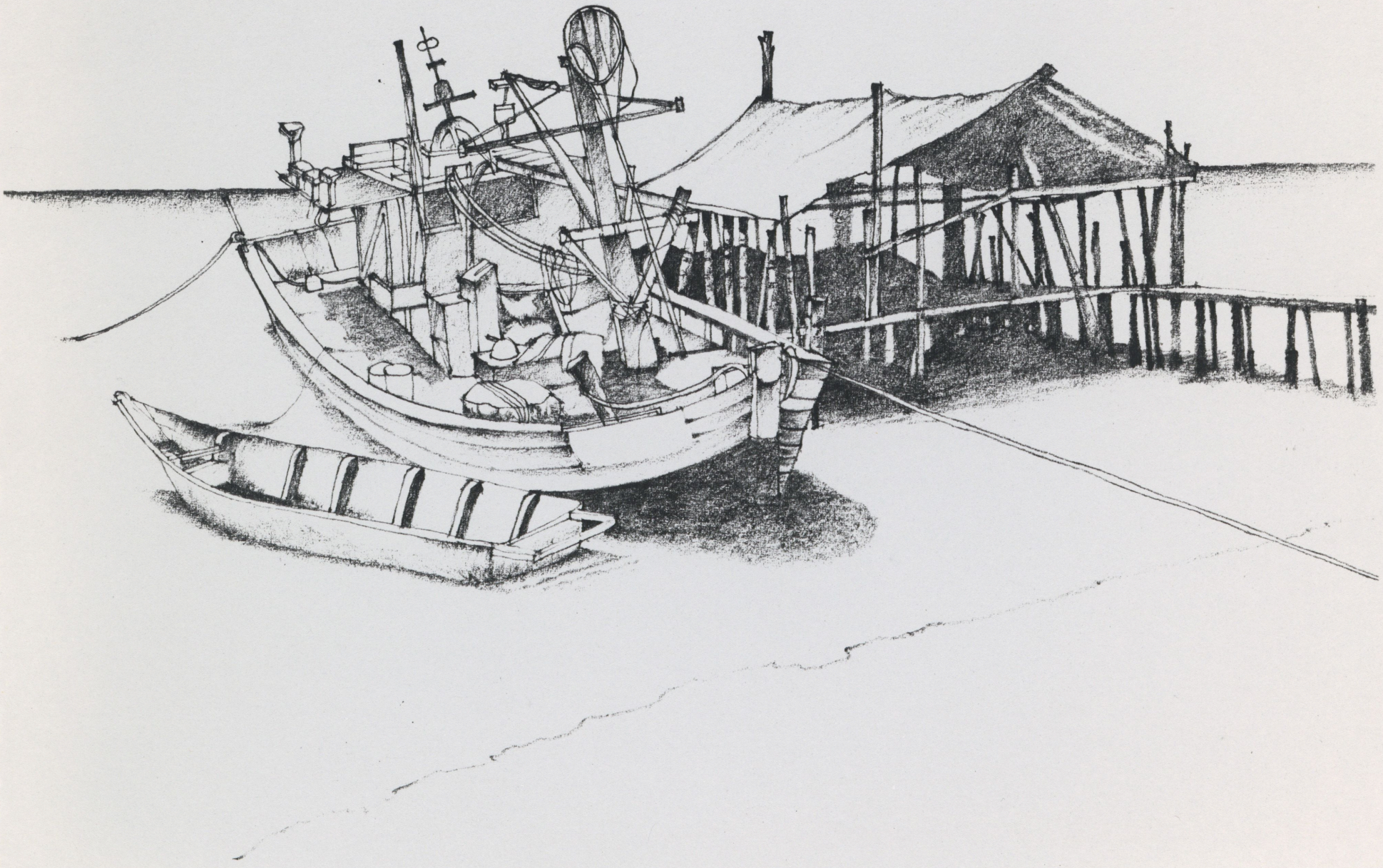
FEDERAL CAPITAL IS KUALA LUMPUR . THERE ARE THIRTEEN STATES , ELEVEN IN PENINSULAR MALAYSIA AND TWO ON THE ISLAND OF BORNEO .

GOVERNMENT :

MALAYSIA IS A PARLIAMENTARY DEMOCRACY BASED ON UNIVERSAL SUFFRAGE . THE SUPREME HEAD OF THE STATE IS HIS MAJESTY THE YANG di-PERTUAN AGONG , A CONSTITUTIONAL MONARCH ELECTED FOR A TERM OF FIVE YEARS BY THE CONFERENCE OF RULERS . THE HEAD OF THE GOVERNMENT IS THE PRIME MINISTER .

RELIGION :

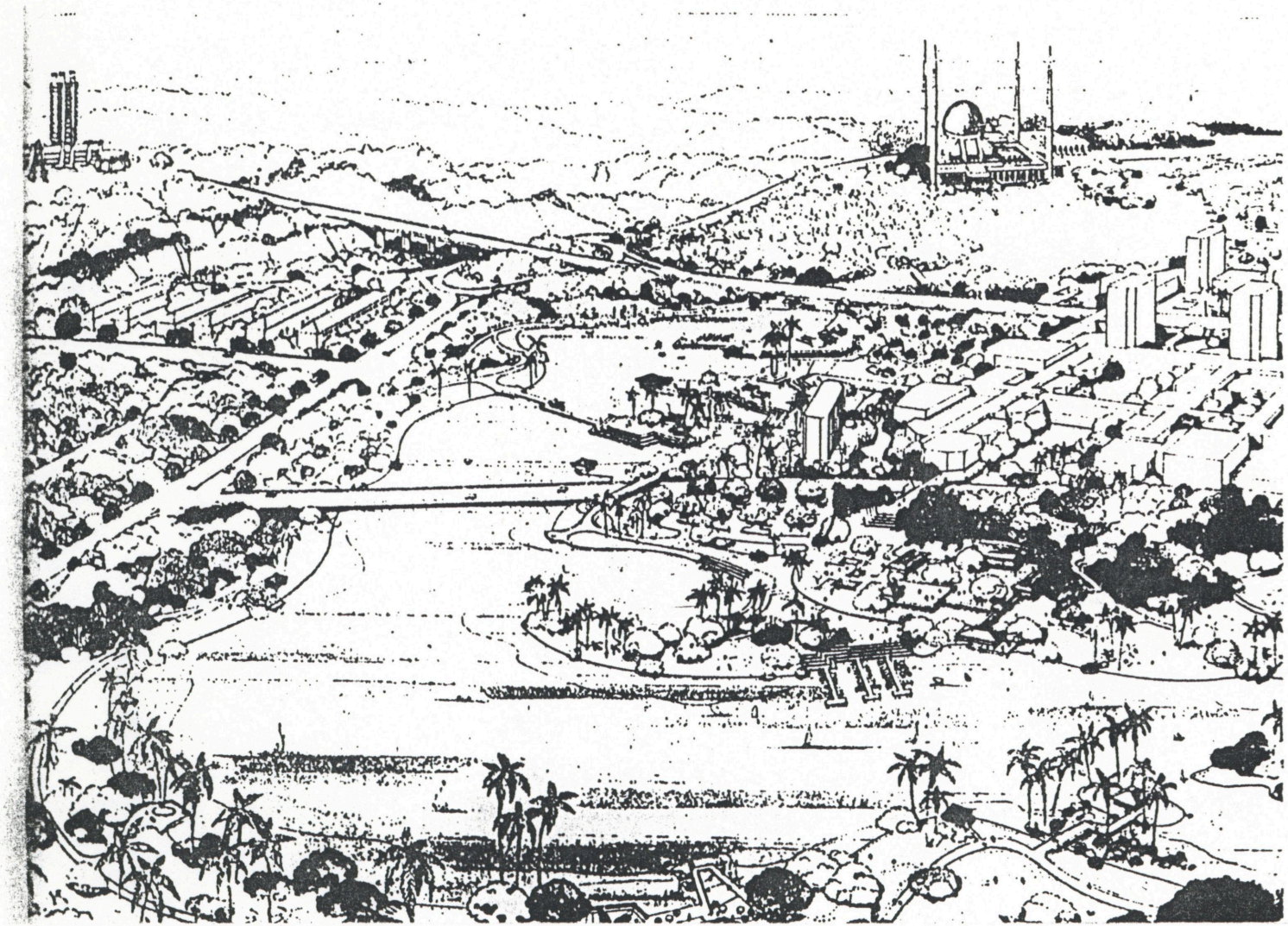
ISLAM IS THE OFFICIAL RELIGION OF THE COUNTRY . BUDDHISM , TAOISM , HINDUISM AND CHRISTIANITY ARE AMONG OTHER RELIGIONS PRACTISED IN MALAYSIA .[1]





THE PROJECT SITE


PERLIS
KEDAH
PENANG
KELANTAN
TRENGGANU
PERAK
PAHANG
SELANGOR
KUALA LUMPUR
SHAH ALAM
NEGERI SEMBILAN
MALACCA
JOHORE
PROPOSED SITE - CITY OF SHAH ALAM .
PENINSULAR MALAYSIA



SHAH ALAM : HISTORY BACKGROUND

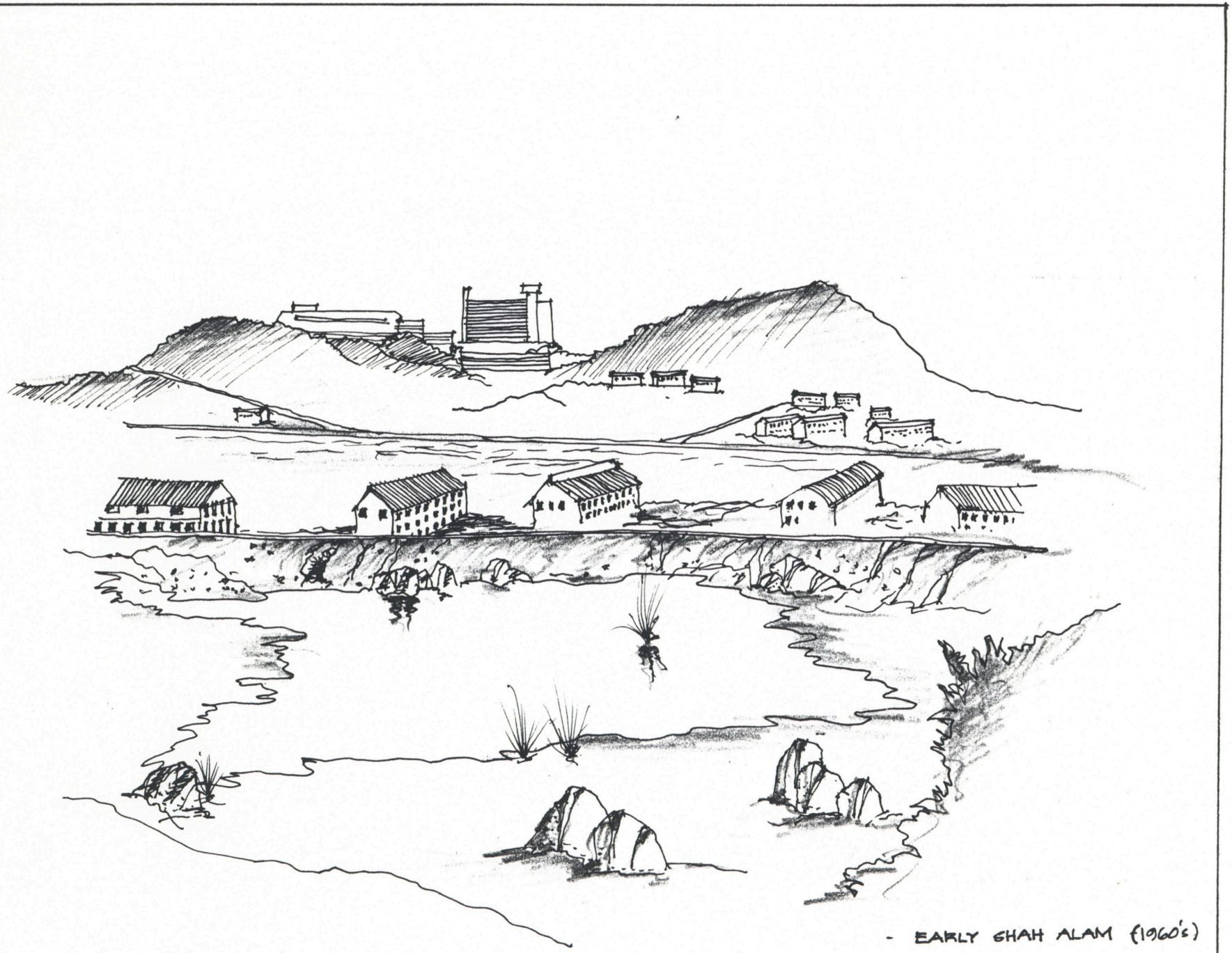
'KELANG' VALLEY IS ONE OF THE AREAS IN MALAYSIA THAT HAS A VERY HIGH RATE OF DEVELOPMENT. ONCE USED AS A TIN MINING AREA, KELANG VALLEY NOW IS A HIGHLY POPULATED LAND. IT INCLUDES QUITE A NUMBER OF BIG CITIES LIKE KUALA LUMPUR, PETALING JAYA, KELANG, SELAYANG AND BANGI, JUST TO NAME A FEW.

THE MAIN ATTRACTIONS, SUCH AS JOBS, EDUCATION AND ENTERTAINMENT, FROM THOSE CITIES HAS DRAWN MANY PEOPLE TO MOVE THERE. THIS NUMBER HAS INCREASED RAPIDLY YEAR AFTER YEAR AND HAS CREATED MANY PROBLEMS, SUCH AS HOUSING, JOBS AND ETC. REALIZING THESE PROBLEMS, MANY ADMINISTRATIONS AND PLANNERS HAVE DECIDED TO ESTABLISH A NEW CITY / TOWN AT KELANG VALLEY. SO, IN THE EARLY 60'S, A TOWN PLANNER FROM THE UNITED NATIONS, V. ANTOLIC, WAS INVITED FOR THE PURPOSE OF PLANNING THIS NEW CITY. THE COMMITTEE CAME OUT WITH A DECISION THAT THE NEW CITY SHOULD BE LOCATED AT 'SUNGAI RENGGAM' WHICH IS ABOUT 25 KM FROM KUALA LUMPUR AND 8 KM FROM KELANG.

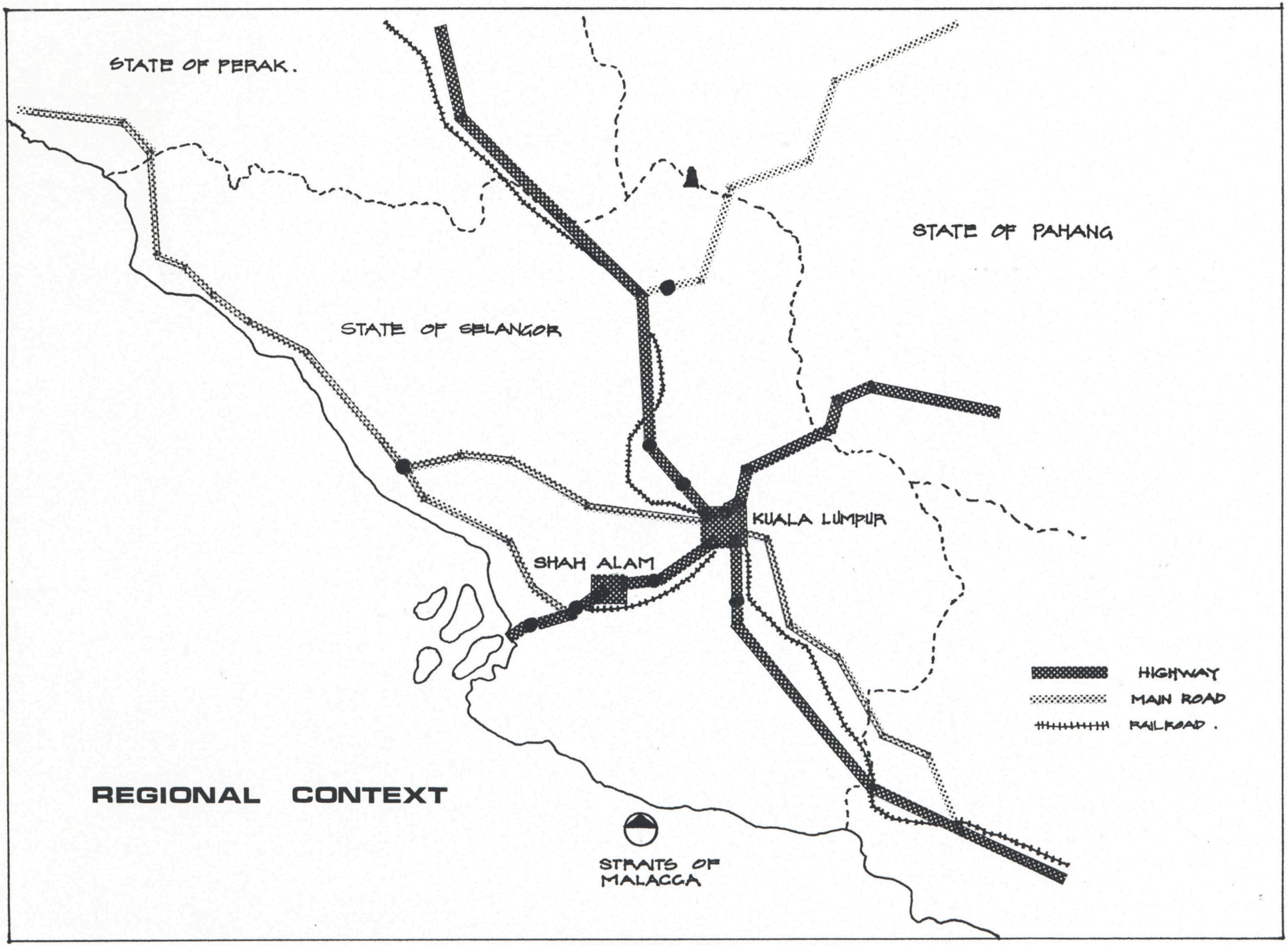
AT THAT TIME, THE AREA WAS A RUBBER PLANTATION AND PALM ESTATE. THE DEVELOPMENT OF THE NEW CITY STARTED IN 1966, WAS ADMINISTERED AND FINANCED BY THE STATE GOVERNMENT, SELANGOR AND ALSO 'PKNS' - A STATE GOVERNMENT AGENCY WHICH FUNCTIONED PRIMARILY TO DEVELOPE THE STATE OF SELANGOR. DESPITE MANY NAMES SUGGESTED FOR THE NEW CITY, THE KING OF SELANGOR HIMSELF DECIDED TO NAME IT "SHAH ALAM". SHAH ALAM HAS BEEN ANNOUNCED AS THE CAPITAL OF SELANGOR BY THE KING OF SELANGOR ON DECEMBER 7, 1978.

MANY DEVELOPMENTS HAVE BEEN DONE SINCE THEN, IN ORDER TO CREATE A

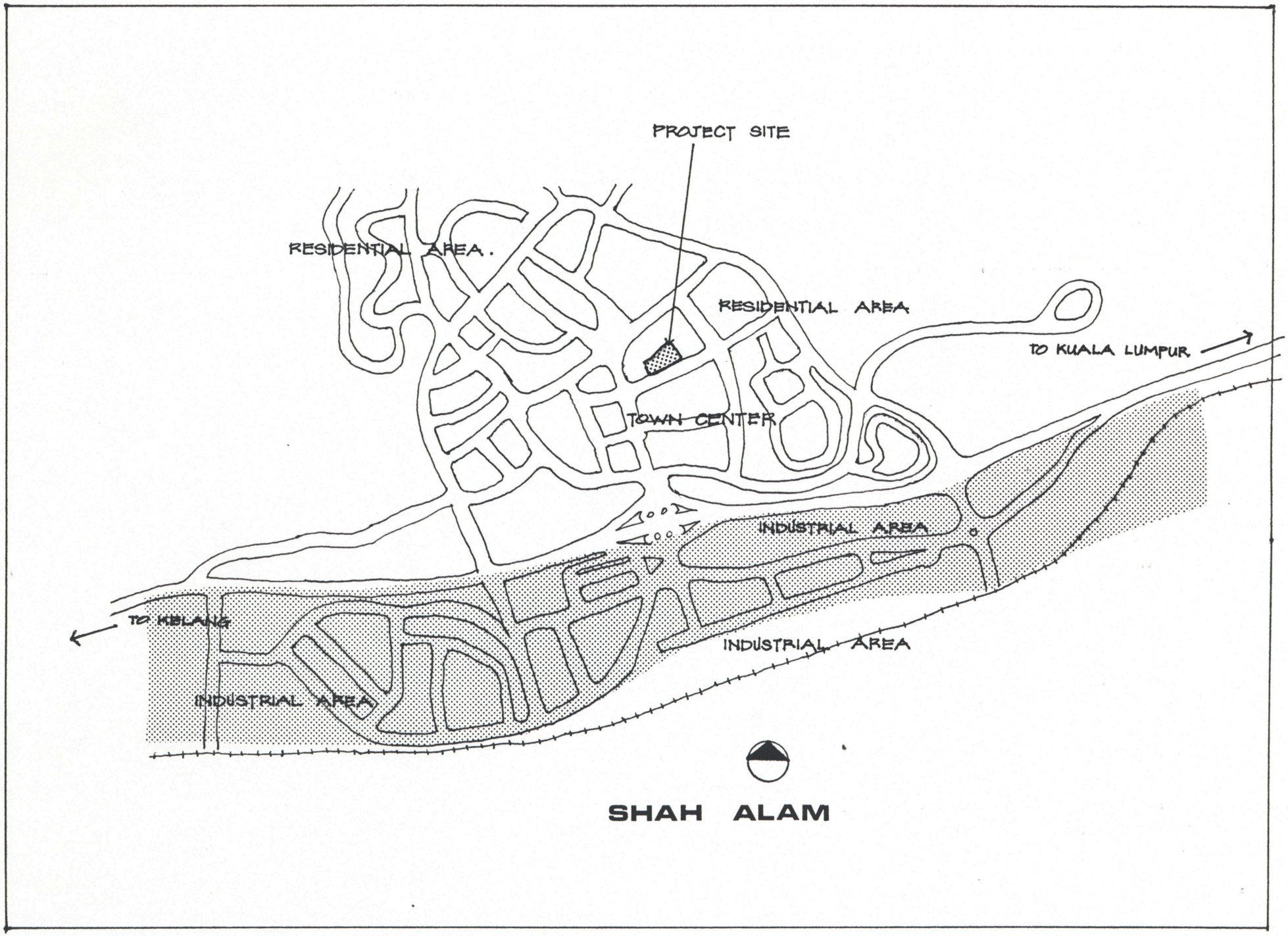
NEW CITY SURROUNDED BY BEAUTIFUL PARKS AND MODERN BUILDINGS · BY THE YEAR 2000 ,
SHAH ALAM WILL BE THE ONLY SATELLITE CITY WHICH WILL BE EQUIPPED WITH MODERN
FACILITIES AND EQUIPMENT IN MALAYSIA .2

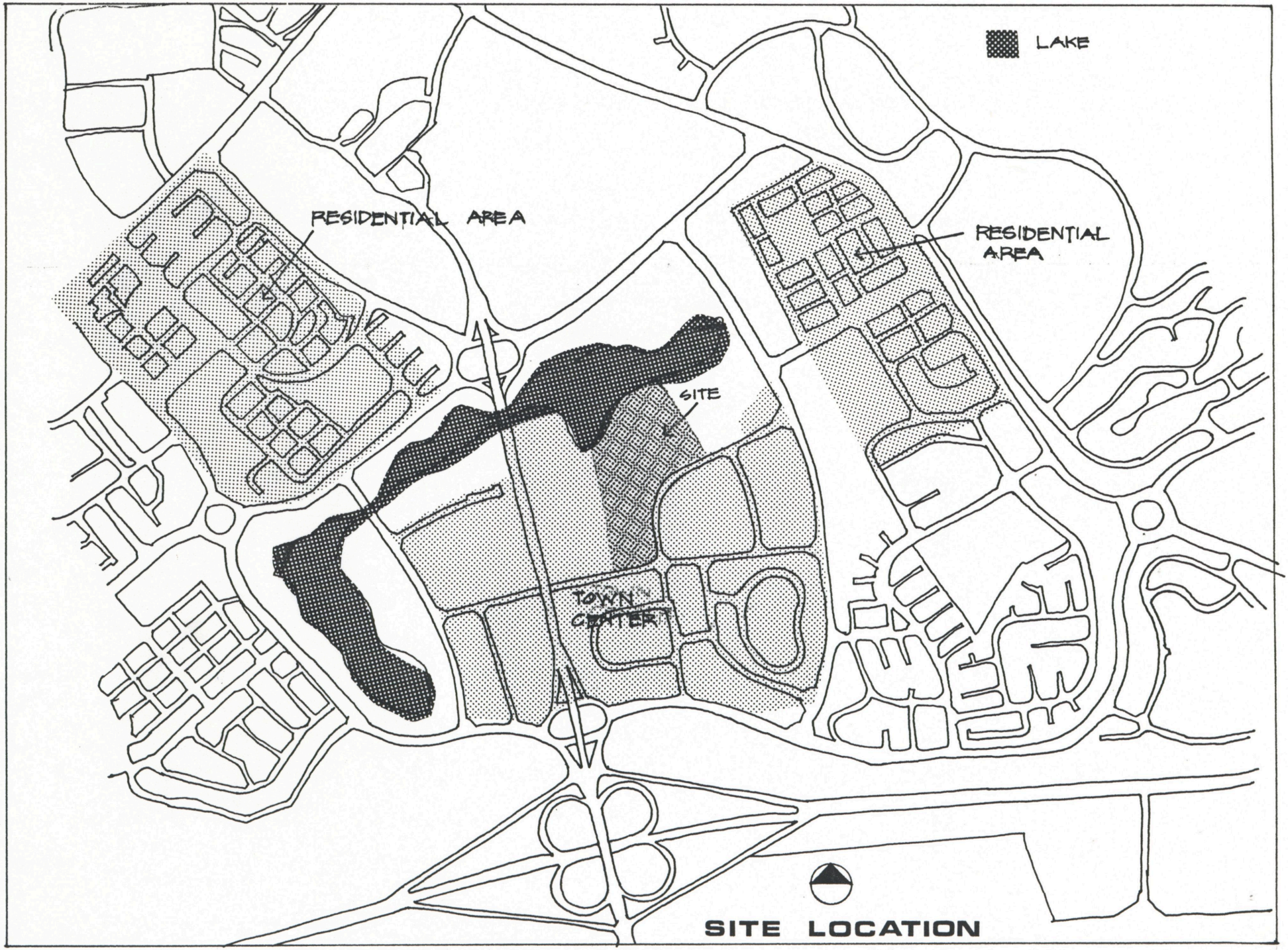


- EARLY SHAH ALAM (1960's)



REGIONAL CONTEXT


PROJECT SITE
RESIDENTIAL AREA.
RESIDENTIAL AREA
TO KUALA LUMPUR
TOWN CENTER
INDUSTRIAL AREA
TO KELANG
INDUSTRIAL AREA
INDUSTRIAL AREA
SHAH ALAM


LAKE
RESIDENTIAL AREA
RESIDENTIAL AREA
SITE
TOWN CENTER
SITE LOCATION

PROJECT SITE : LOCATION

THE SITE IS LOCATED IN THE MIDDLE OF THE TOWN CENTER AND IT IS A PRIME AREA FOR CULTURAL ACTIVITIES , COMMERCIAL AND ADMINISTRATION FOR THE CITY OF SHAH ALAM .

SURROUNDING ELEMENTS :

NORTH SIDE : EASTERN LAKE AND STATE MOSQUE .

SOUTH SIDE : FUTURE TOWN CENTER (BUS TERMINAL , ELECTRICITY COMPANY TOWER HEADQUARTERS , ETC)

EAST SIDE : FUTURE TOWN CENTER

WEST SIDE : HIGH RISE OFFICE BUILDINGS . CONFERENCE CENTER , TOWN COUNCIL AND COUNCIL CHAMBER .

GENERAL SITE CONDITIONS:

THE SITE IS FAIRLY FLAT AND STABLE WITH THE SURFACE MOSTLY COVERED BY STREETS, SIDEWALKS, TREES AND BUILDINGS. PRESENT USE OF LAND IS COMMERCIAL, CIVIC CENTER AND RETAILS. THE LAND IS MOSTLY OWNED BY THE STATE GOVERNMENT.

STATISTIC

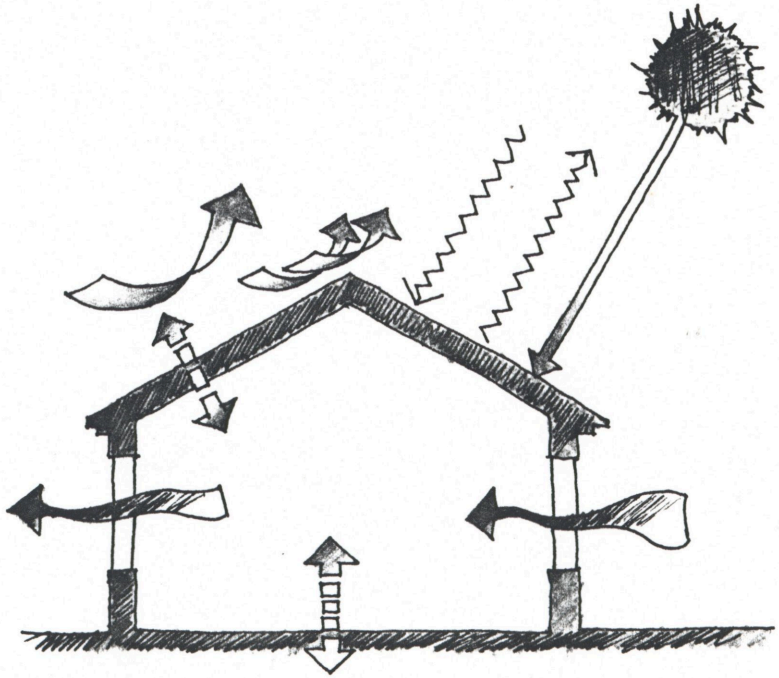
POPULATION :

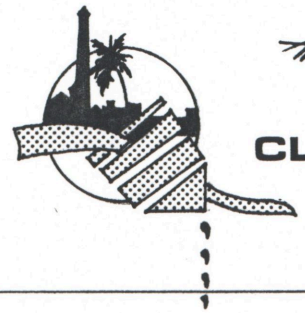
THERE WERE ABOUT 130,000 PEOPLE REPORTED IN SHAH ALAM IN 1988 AND BY THE YEAR 2000 , THE EXPECTED GROWTH WILL BE UP TO 372,000 PEOPLE .3

COMMUNITY SERVICE :

POLICE STATIONS	:	3
FIRE STATION	:	1
PRIMARY SCHOOLS	:	5
SECONDARY (HIGH) ECHOOLS	:	3
UNIVERSITIES	:	5
KINDERGARTENS	:	9
MOSQUES	:	10
CHURCH	:	1
TEMPLE	:	1
POST OFFICE	:	3
PALACE	:	2



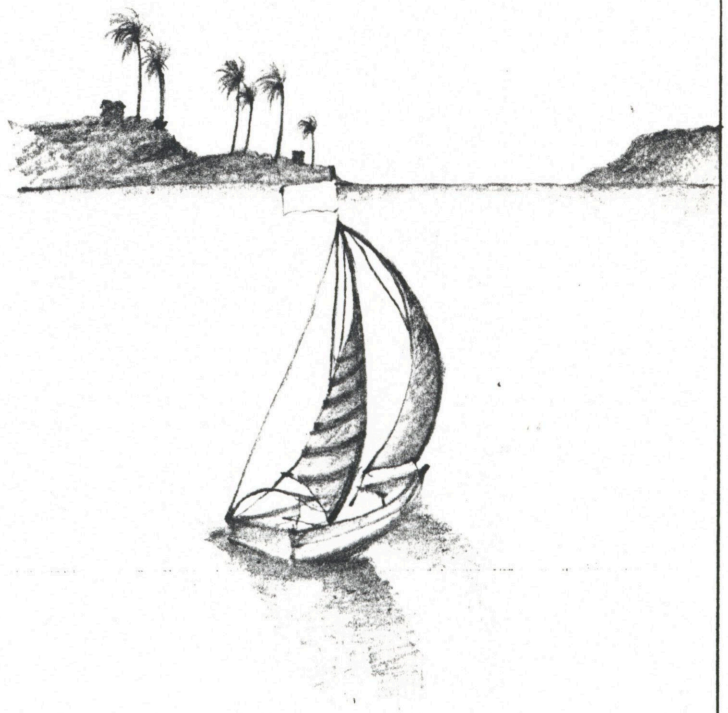




CLIMATE; CHARTS & DATA

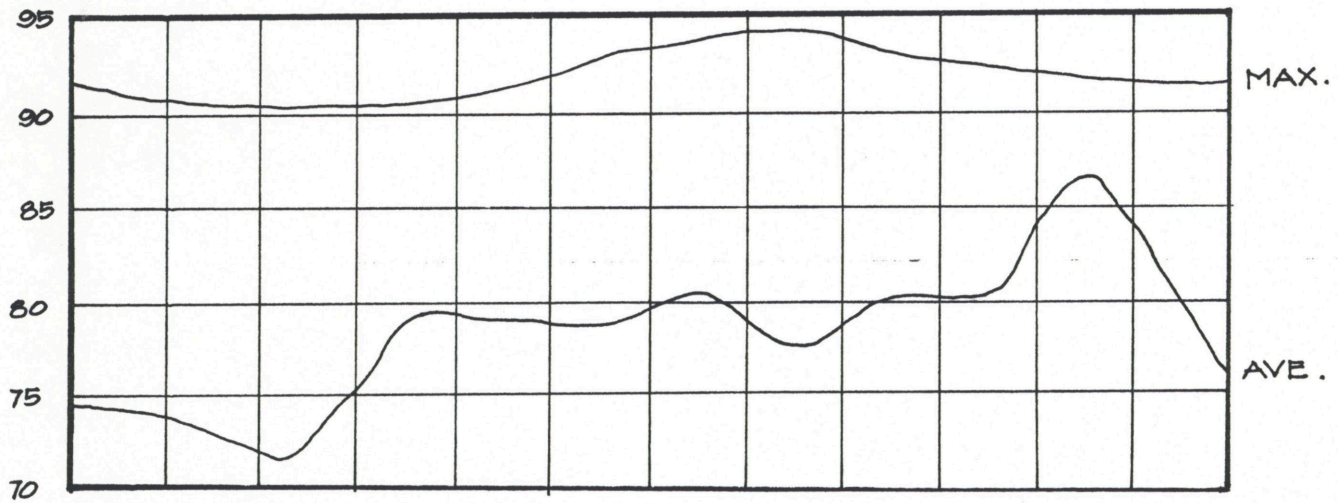
TEMPERATURE

- THERE ARE NO DISTINCT SEASONS AND TEMPERATURE VARY VERY LITTLE THE YEAR ROUND .
- AVERAGE TEMPERATURE RANGING FROM 21° TO 32°C (70° TO 90°F).
- COOLER TEMPERATURE IN THE HILL RESORTS .
- DIURNAL CHANGE IS 5.5°C .
- HIGH TEMPERATURE IS THE MONTHS OF MARCH AND APRIL .

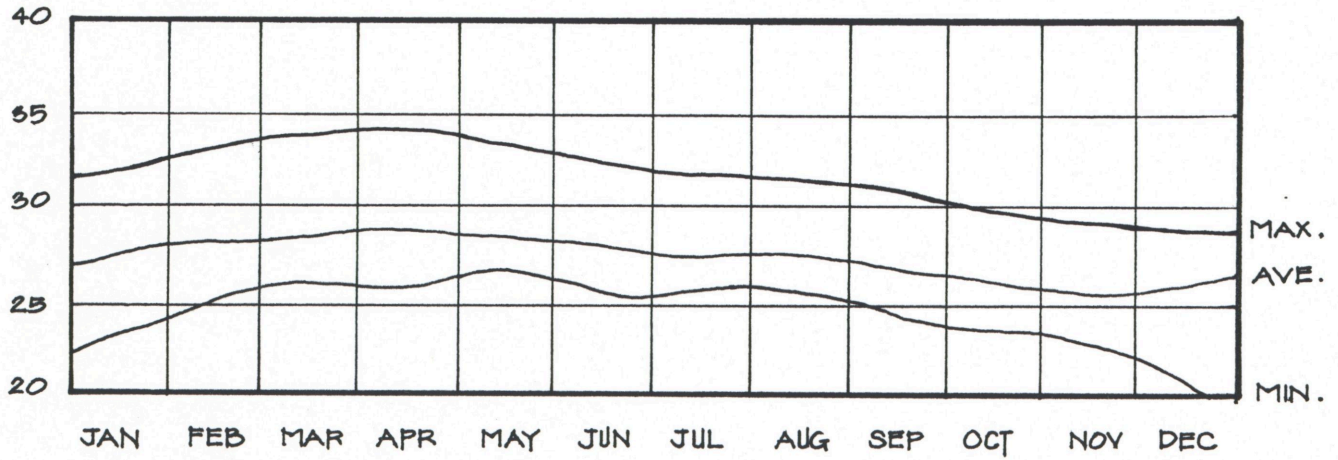


RELATIVE HUMIDITY

- RELATIVE HUMIDITY IS ALWAYS HIGH ALL YEAR AROUND .
- AVERAGE RELATIVE HUMIDITY RANGING FROM 75% TO 95% .



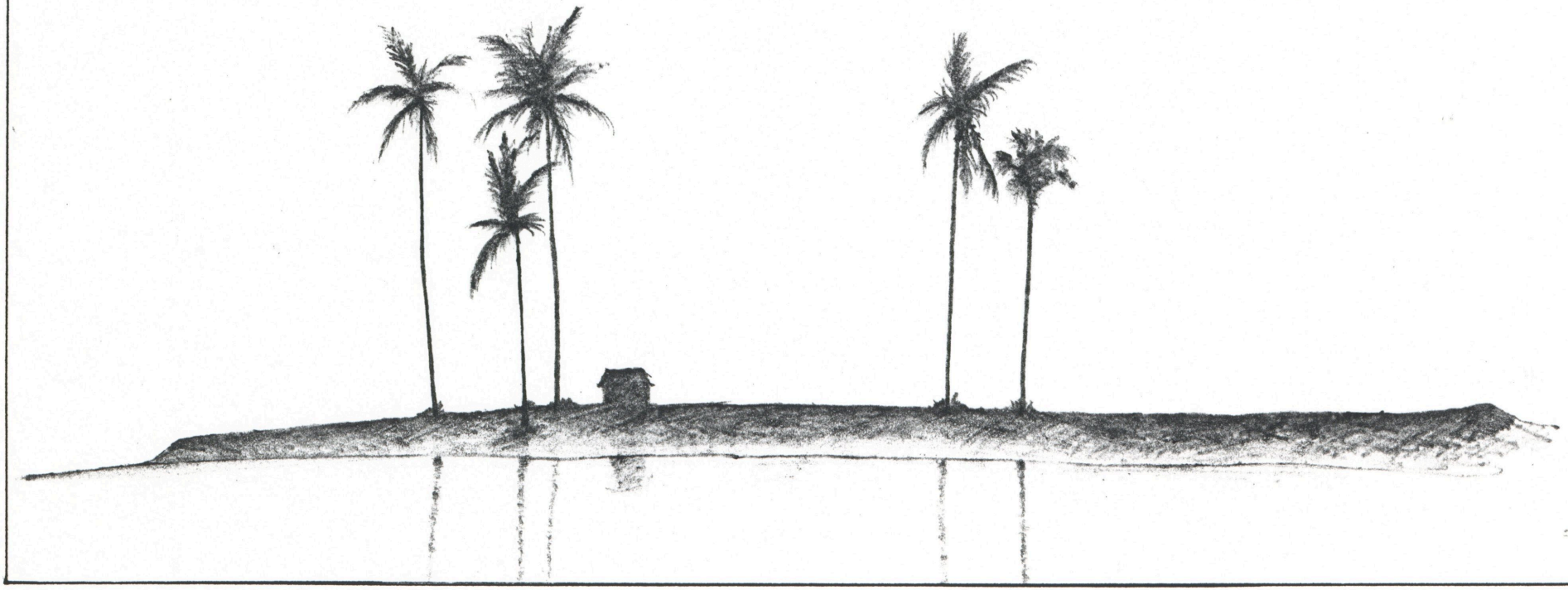
RELATIVE HUMIDITY %

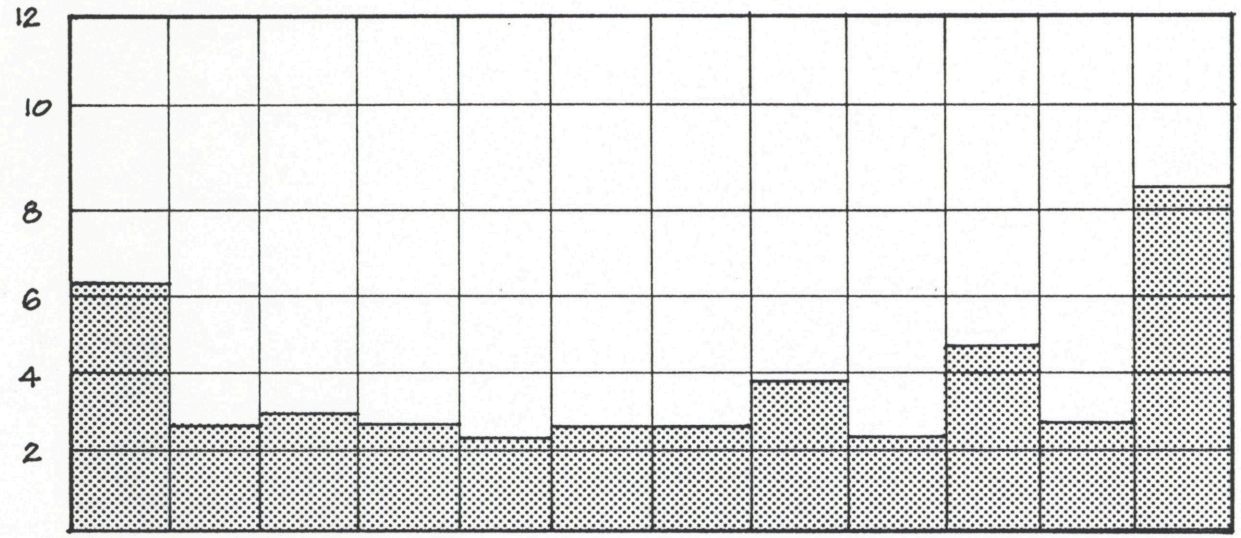


TEMPERATURE °C

RAINFALL

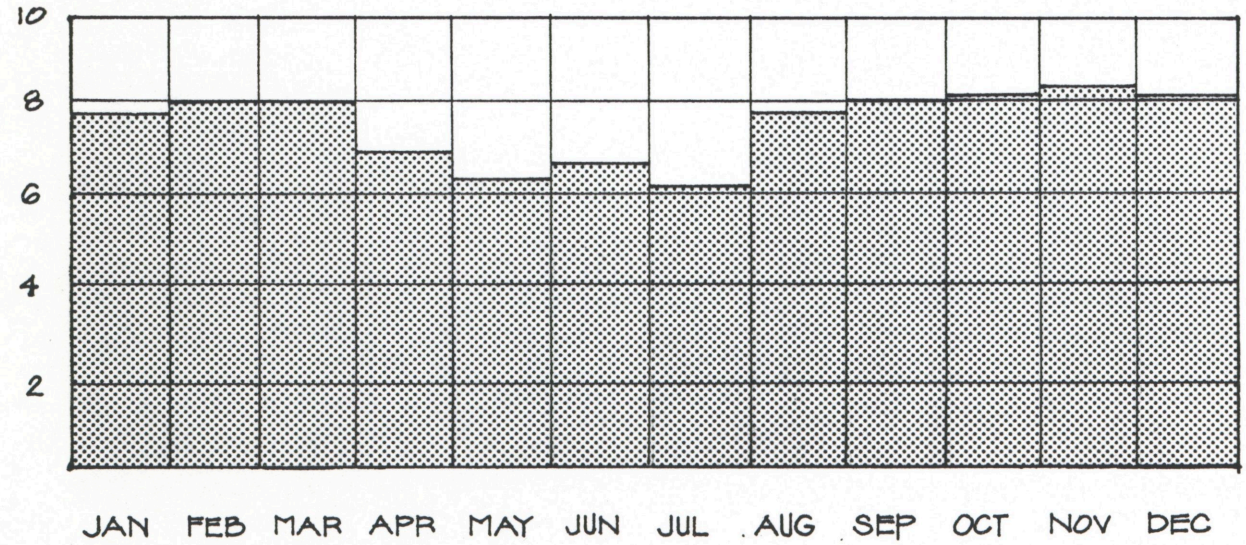
- AVERAGE ANUALL RAINFALL VARIES FROM 2000 TO 2500 MM (80 TO 100 INS).
- RAINSTORMS ARE ABOUT 120 TO 140 DAYS PER YEAR.
- NOVEMBER TO FEBRUARY IS THE RAINY SEASON FOR THE EAST COAST OF PENINSULAR MALAYSIA, THE NORTH-EASTERN PART OF SABAH AND WESTERN PART OF SARAWAK.
- THUNDERSTORMS OCCASSIONALY OCCUR IN THE WEST COAST OF PENINSULAR MALAYSIA DURING THE MONTHS OF APRIL, MAY AND OCTOBER.





RAINFALL

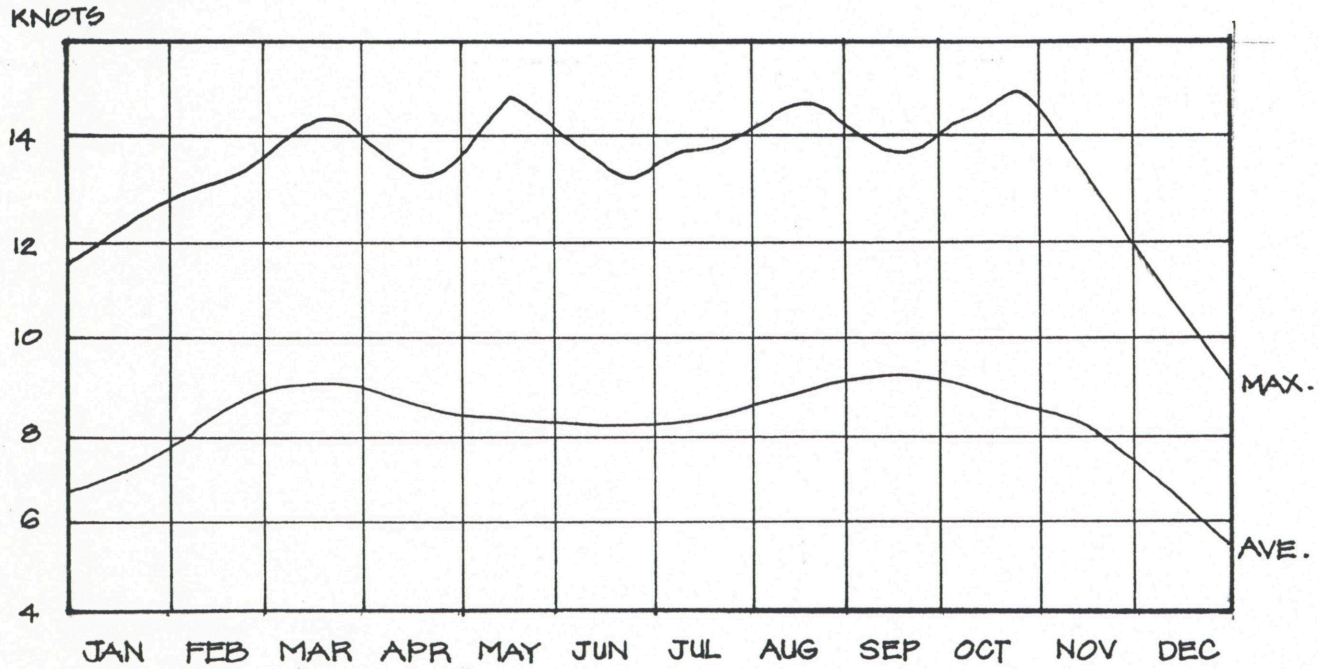
INCHES X10



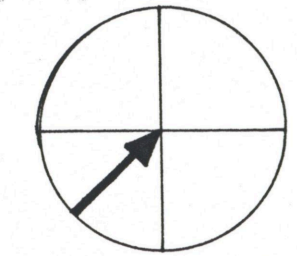
SUNSHINE

HRS/DAY

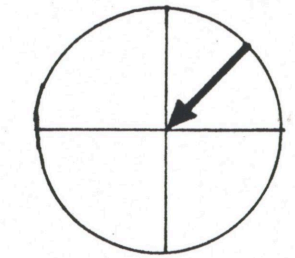
WIND



WIND DIRECTION



SOUTHWEST MONSOON
JULY - SEPTEMBER

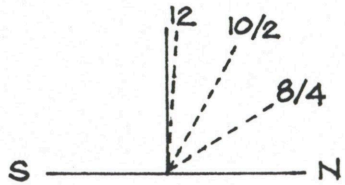


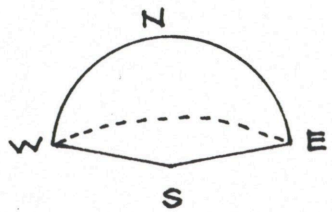
NORTHEAST MONSOON
OCTOBER - MAY

- HIGH WIND DURING THE MONTHS OF JULY, AUGUST AND SEPTEMBER IS BROUGHT BY THE SOUTHWEST MONSOON.

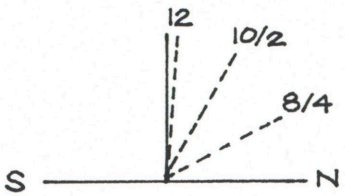
SUN CHARTS

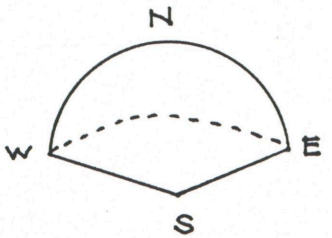
APRIL 21	ALTITUDE°	AZIMUTH°
SUNRISE	0	85
8	30	86
10	60	87
12 NOON	89	0
2	60	273
4	30	274
SUNSET	0	275



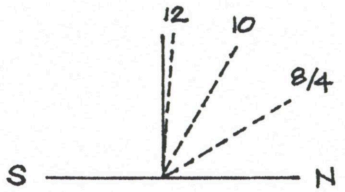


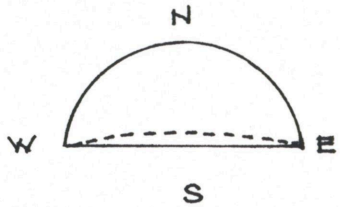
JUNE 21	ALTITUDE°	AZIMUTH°
SUNRISE	0	67
8	29	65
10	55	53
12 NOON	87	360
2	55	307
4	29	295
SUNSET	0	293



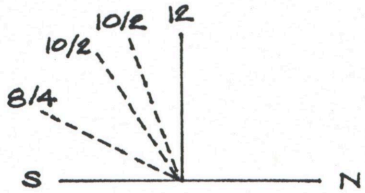


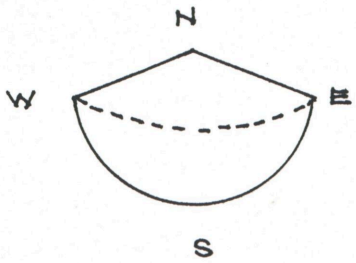
SEPT. 23	ALTITUDE°	AZIMUTH°
SUNRISE	0	90
8	30	93
10	60	97
12 NOON	86	180
2	60	288
4	30	267
SUNSET	0	270

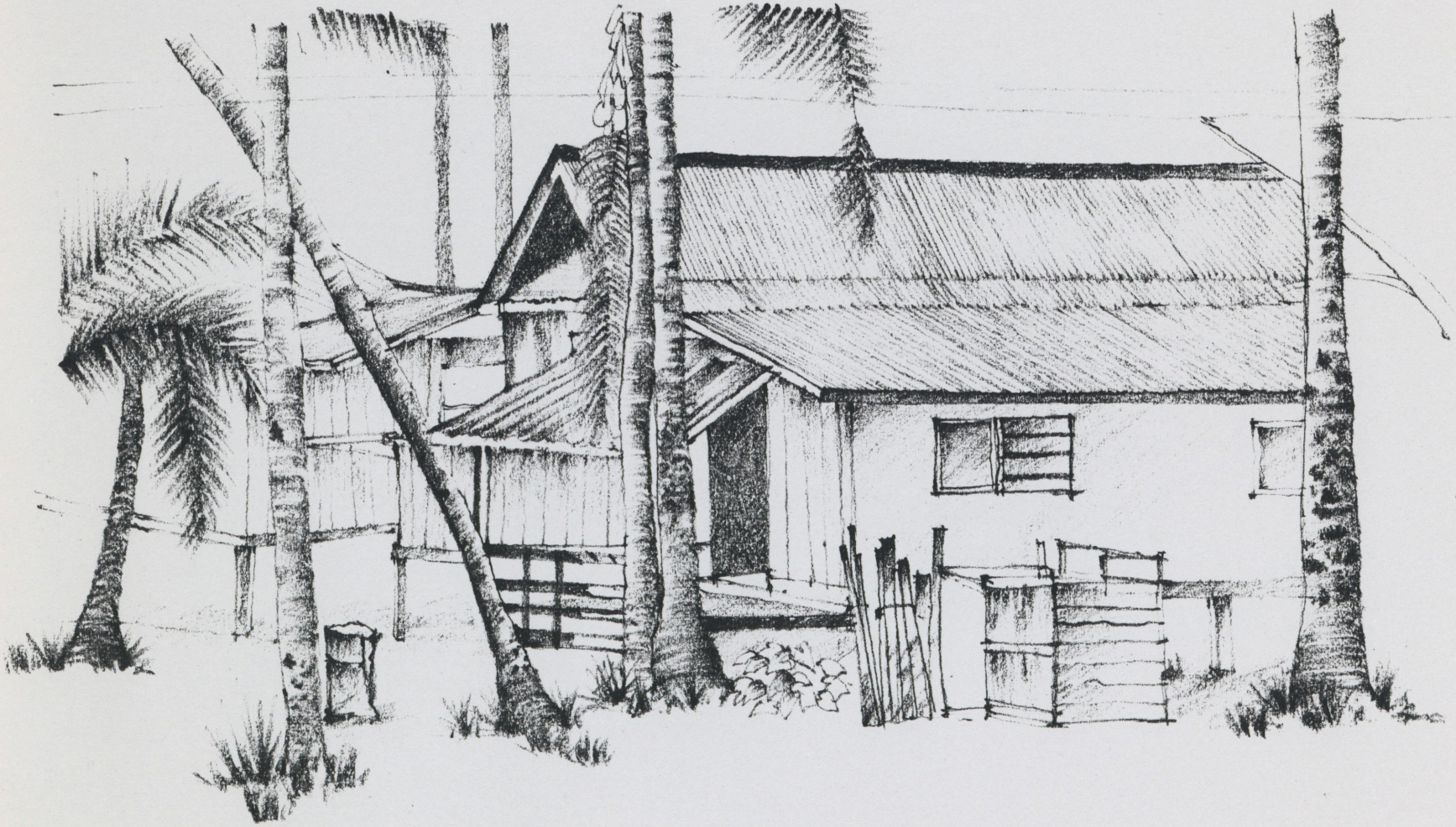


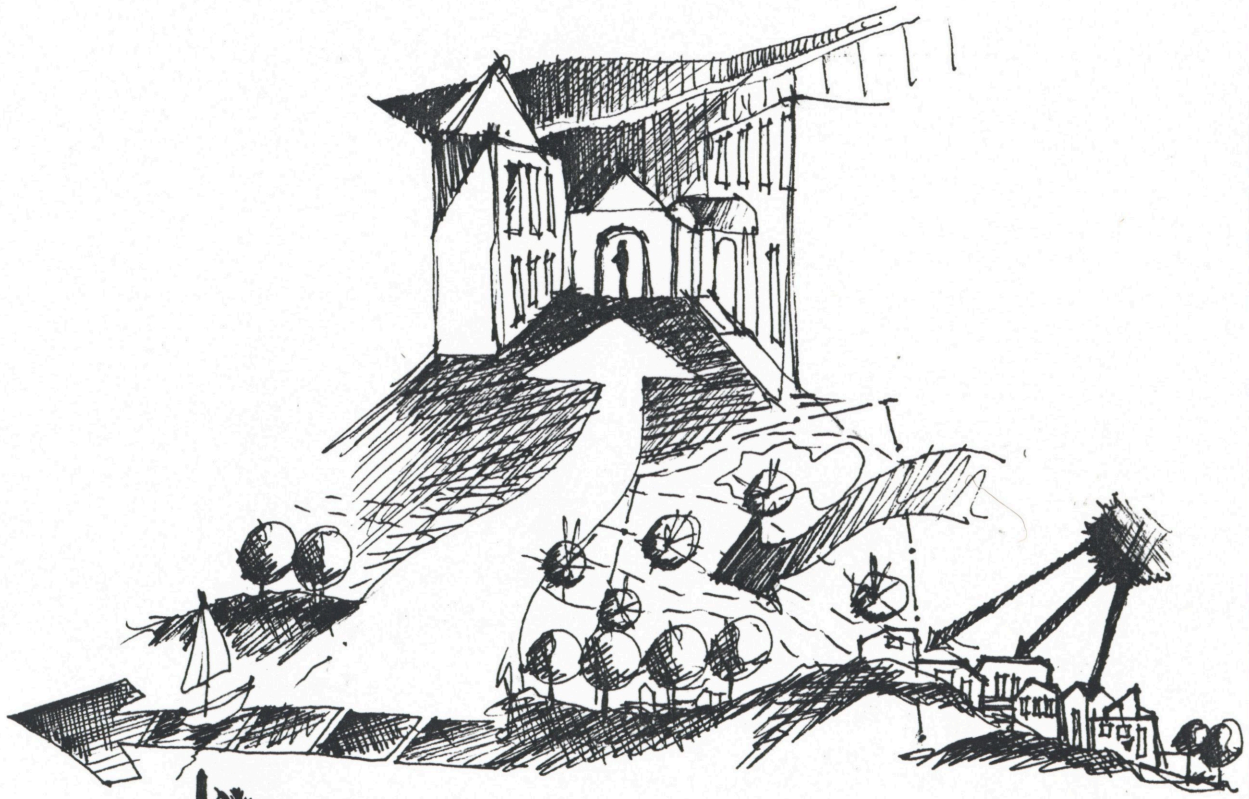


DEC. 22	ALTITUDE°	AZIMUTH°
SUNRISE	0	113
8	25	118
10	50	135
12 NOON	62.5	180
2	50	208
4	26	242
SUNSET	0	247

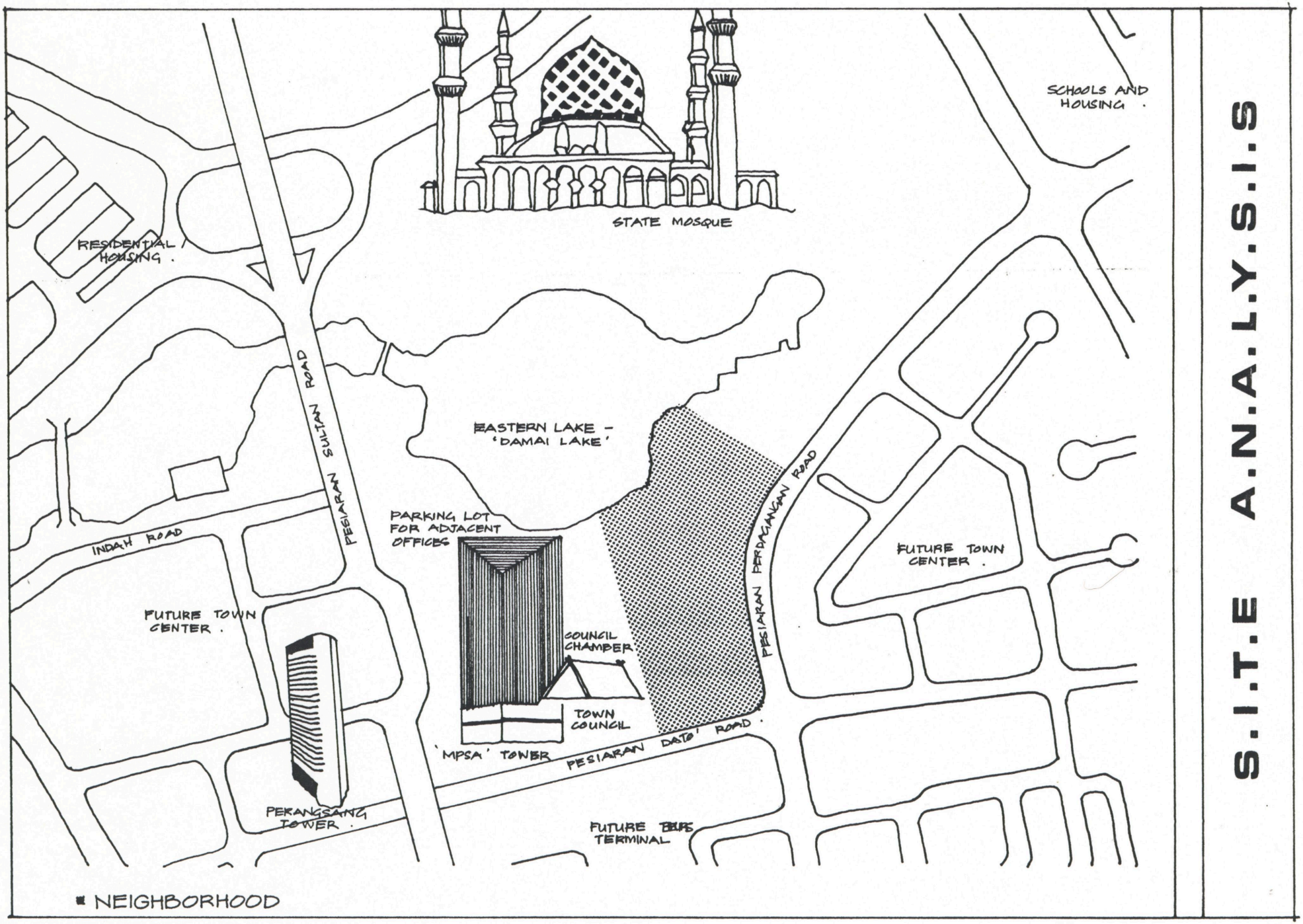


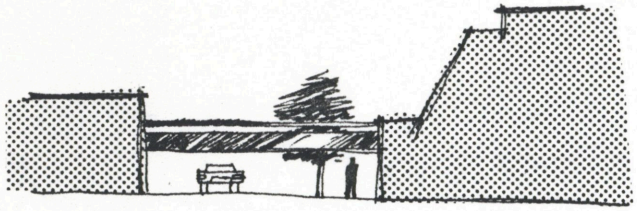


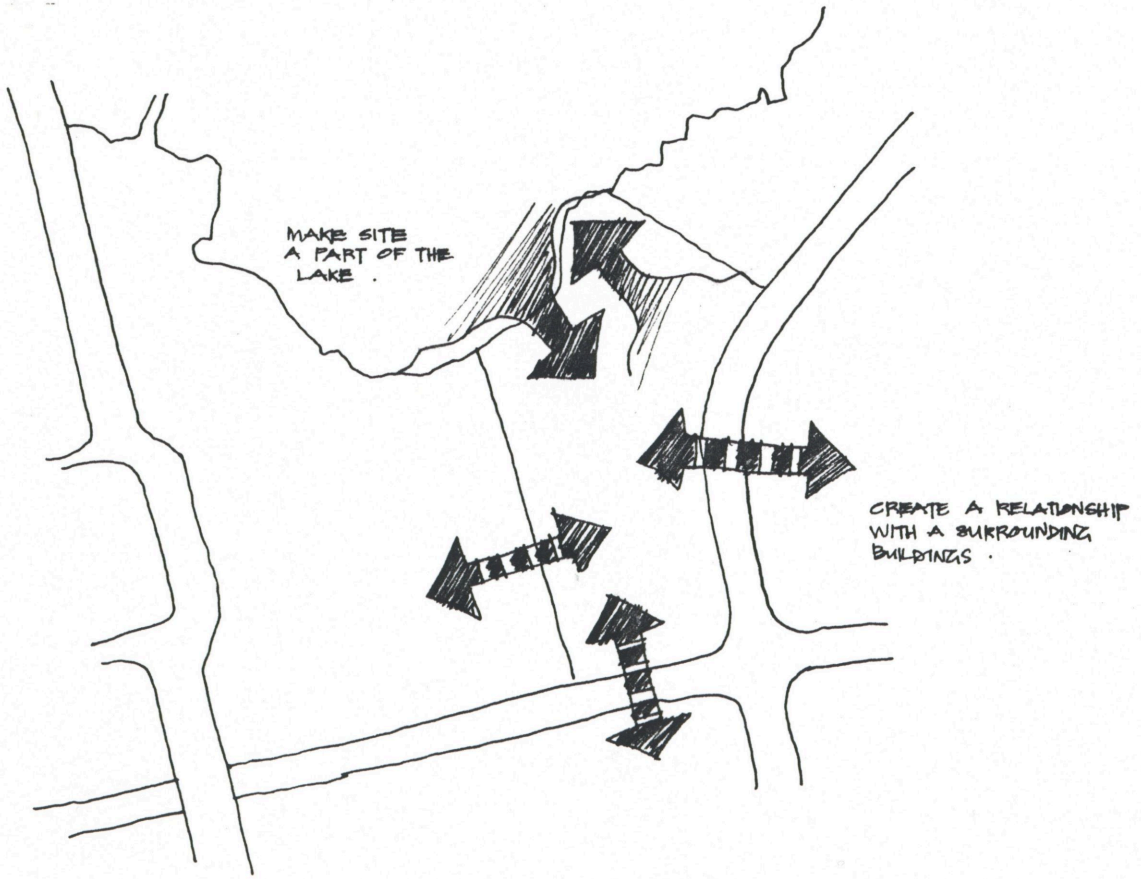




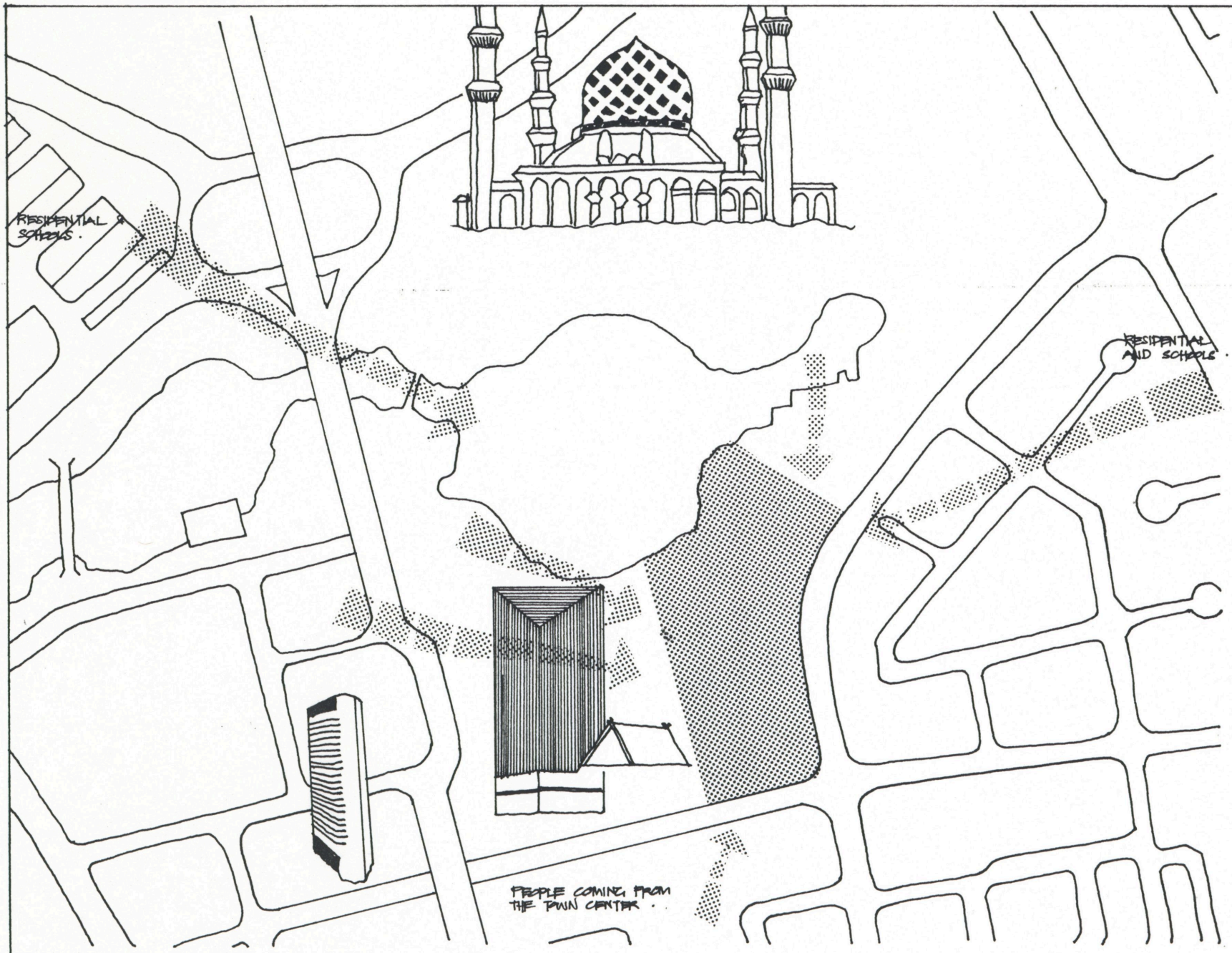
SITE ANALYSIS


S.I.T.E A.N.A.L.Y.S.I.S
STATE MOSQUE
SCHOOLS AND HOUSING.
RESIDENTIAL / HOUSING.
PESIARAN SULTAN ROAD
EASTERN LAKE - 'DAMAI LAKE'
PARKING LOT FOR ADJACENT OFFICES
INDAH ROAD
FUTURE TOWN CENTER.
FUTURE TOWN CENTER.
COUNCIL CHAMBER
TOWN COUNCIL
'MPSA' TOWER
PESIARAN PERDAGANGAN ROAD
PESIARAN DATO' ROAD
PERANGSANG TOWER.
FUTURE BUS TERMINAL
NEIGHBORHOOD



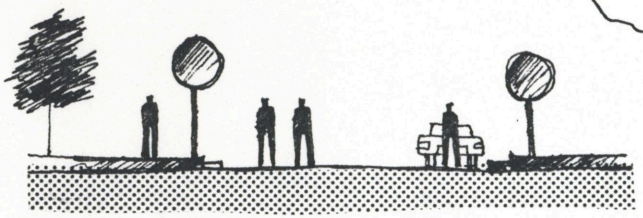


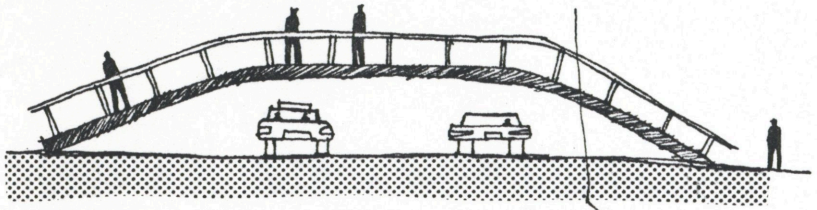
DESIGN RESPONSE



S.I.T.E A.N.A.L.Y.S.I.S

DESIGN RESPONSE





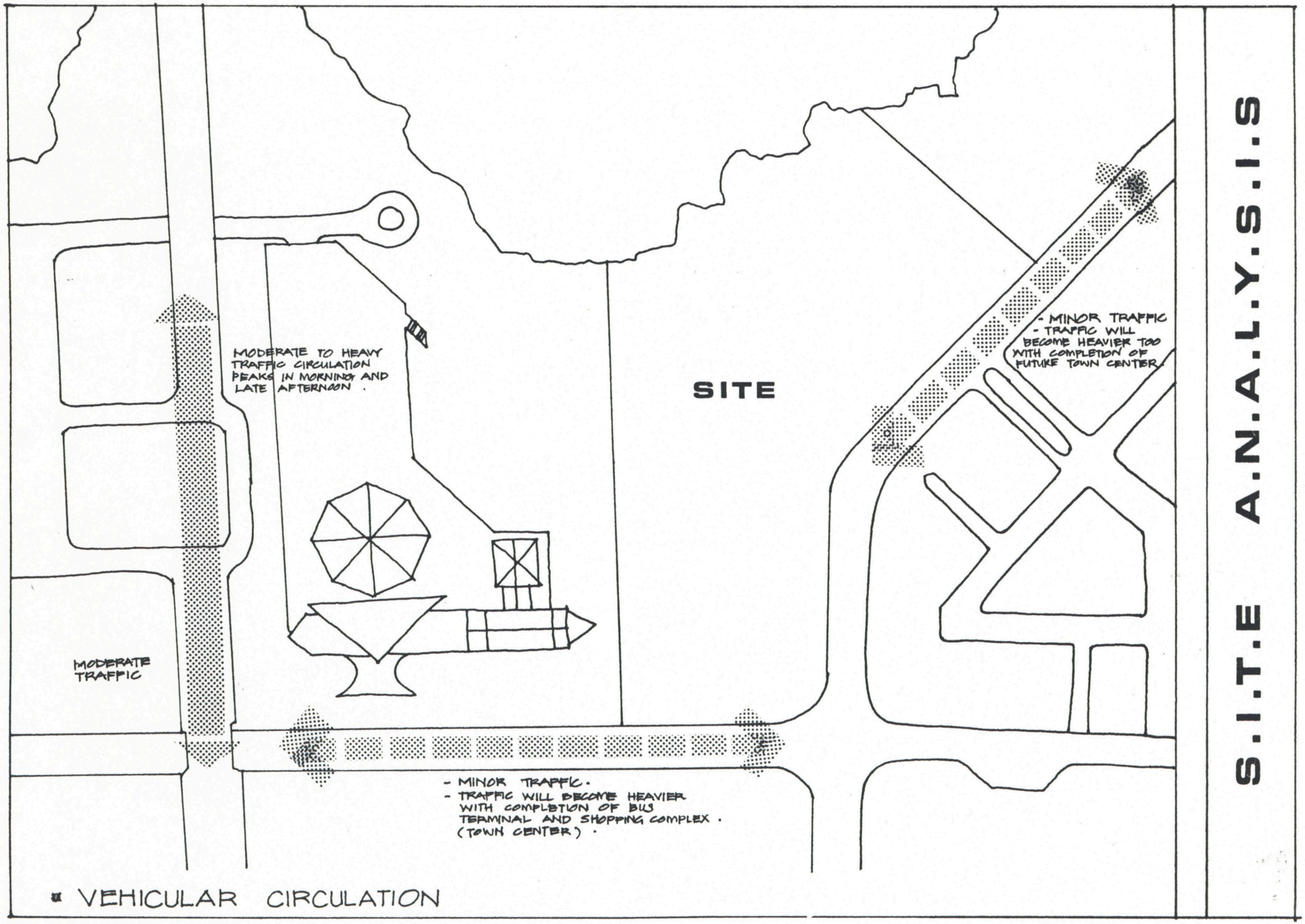
TRY TO CREATE A CONTINUATION AND EASY ACCESS FROM THE EXISTING COMPLEX TO THE SITE.

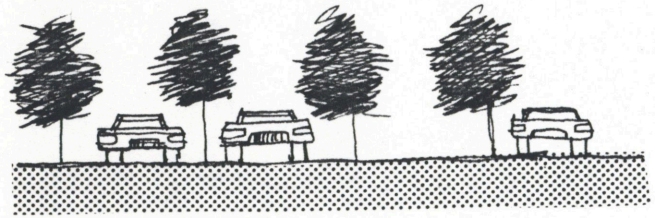
CREATE AN EASY ENTRANCE TO THE SITE BY FOOT FROM FUTURE TOWN CENTER.

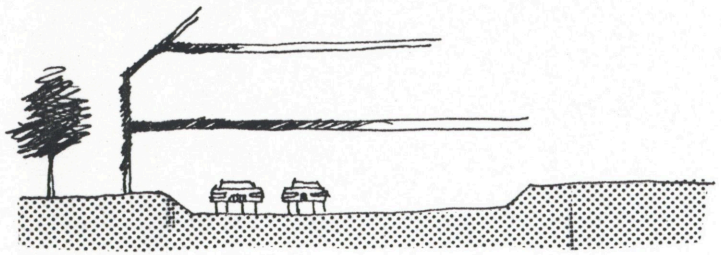
CREATE AN EXCITING SPACE OR PLAZA

LINK FROM FUTURE BUS TERMINAL TO THE SITE - EASY ACCESS TO THE SITE BY FOOT.

PROPOSAL BRIDGE.

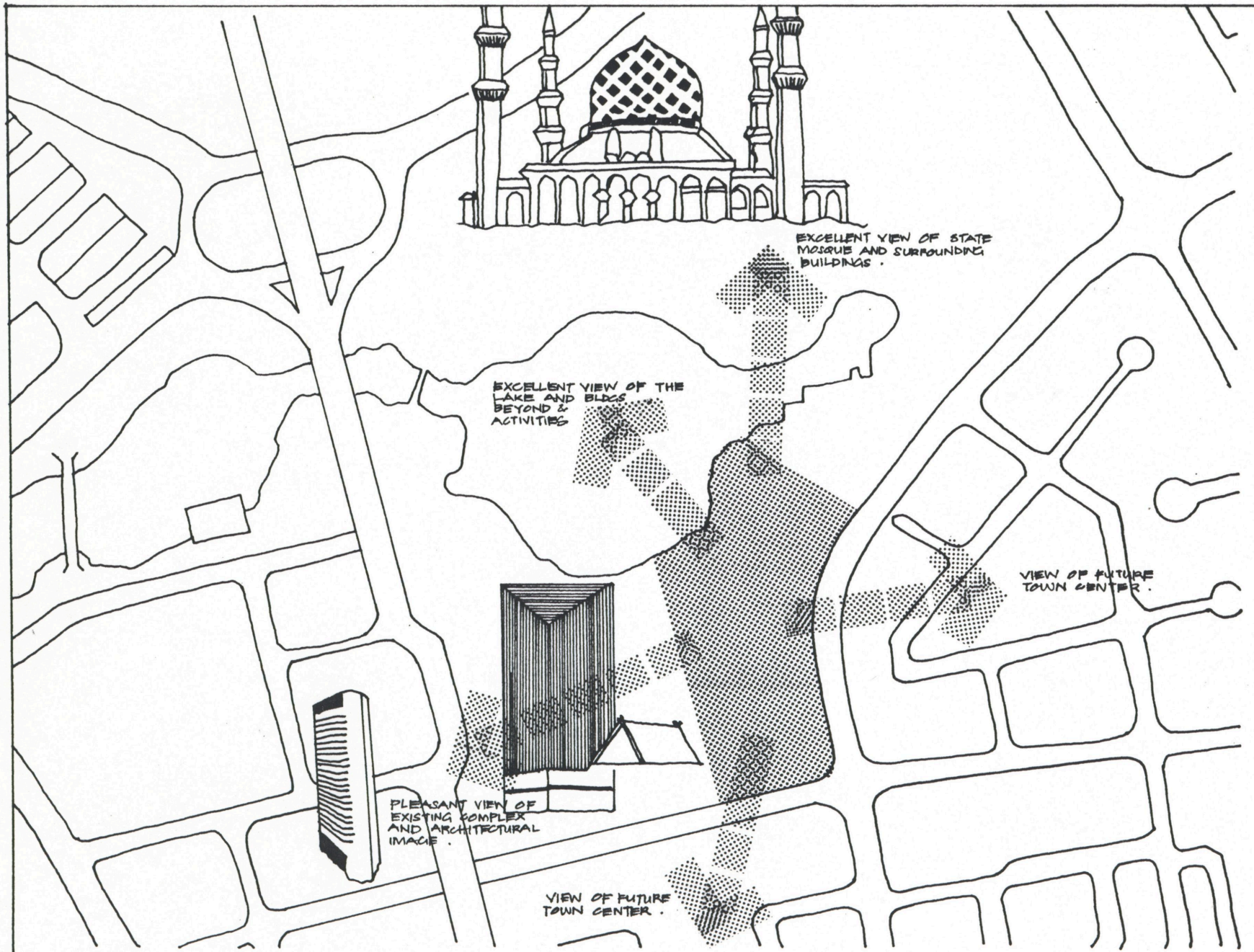

S.I.T.E A.N.A.L.Y.S.I.S
SITE
MODERATE TO HEAVY TRAFFIC CIRCULATION PEAKS IN MORNING AND LATE AFTERNOON.
- MINOR TRAFFIC
- TRAFFIC WILL BECOME HEAVIER TOO WITH COMPLETION OF FUTURE TOWN CENTER.
MODERATE TRAFFIC
- MINOR TRAFFIC.
- TRAFFIC WILL BECOME HEAVIER WITH COMPLETION OF BUS TERMINAL AND SHOPPING COMPLEX. (TOWN CENTER).
VEHICULAR CIRCULATION





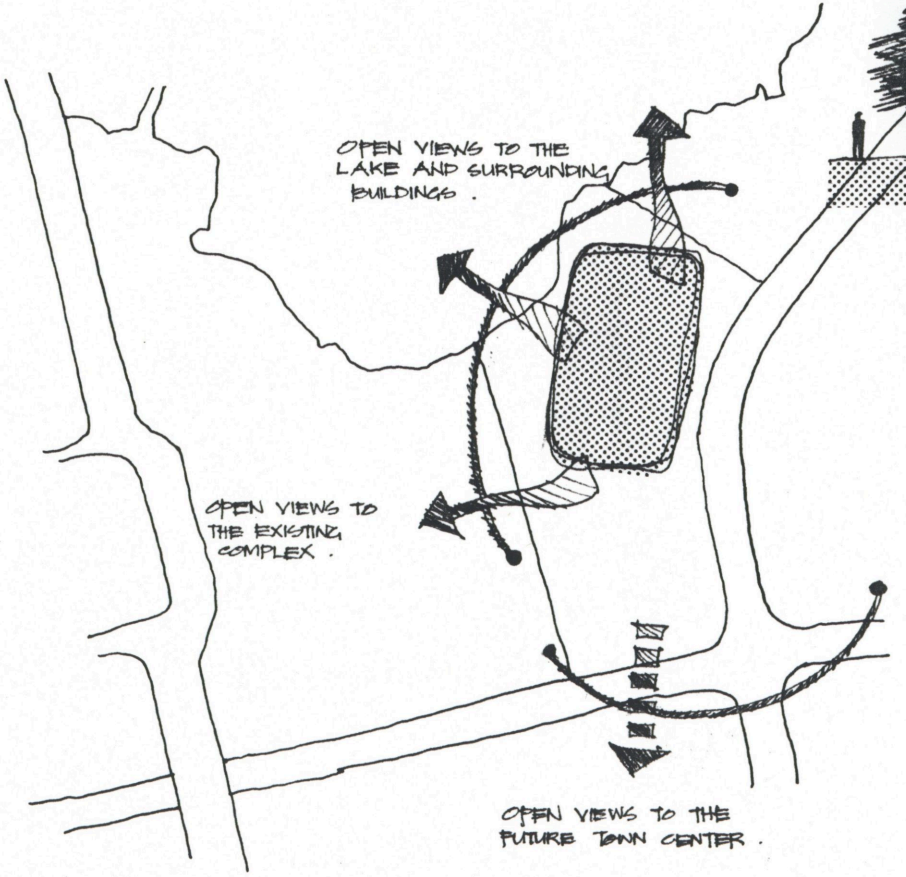
DESIGN RESPONSE

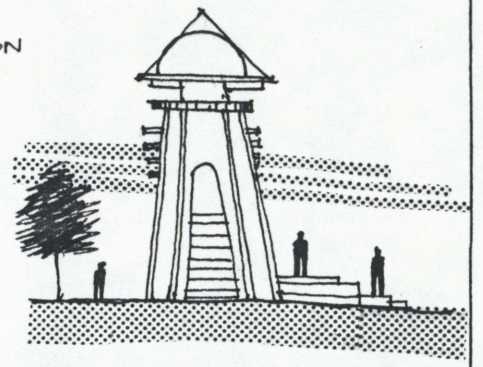
S.I.T.E A.N.A.L.Y.S.I.S

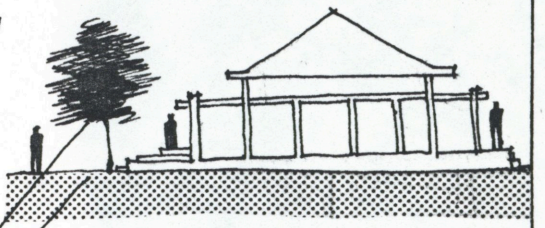


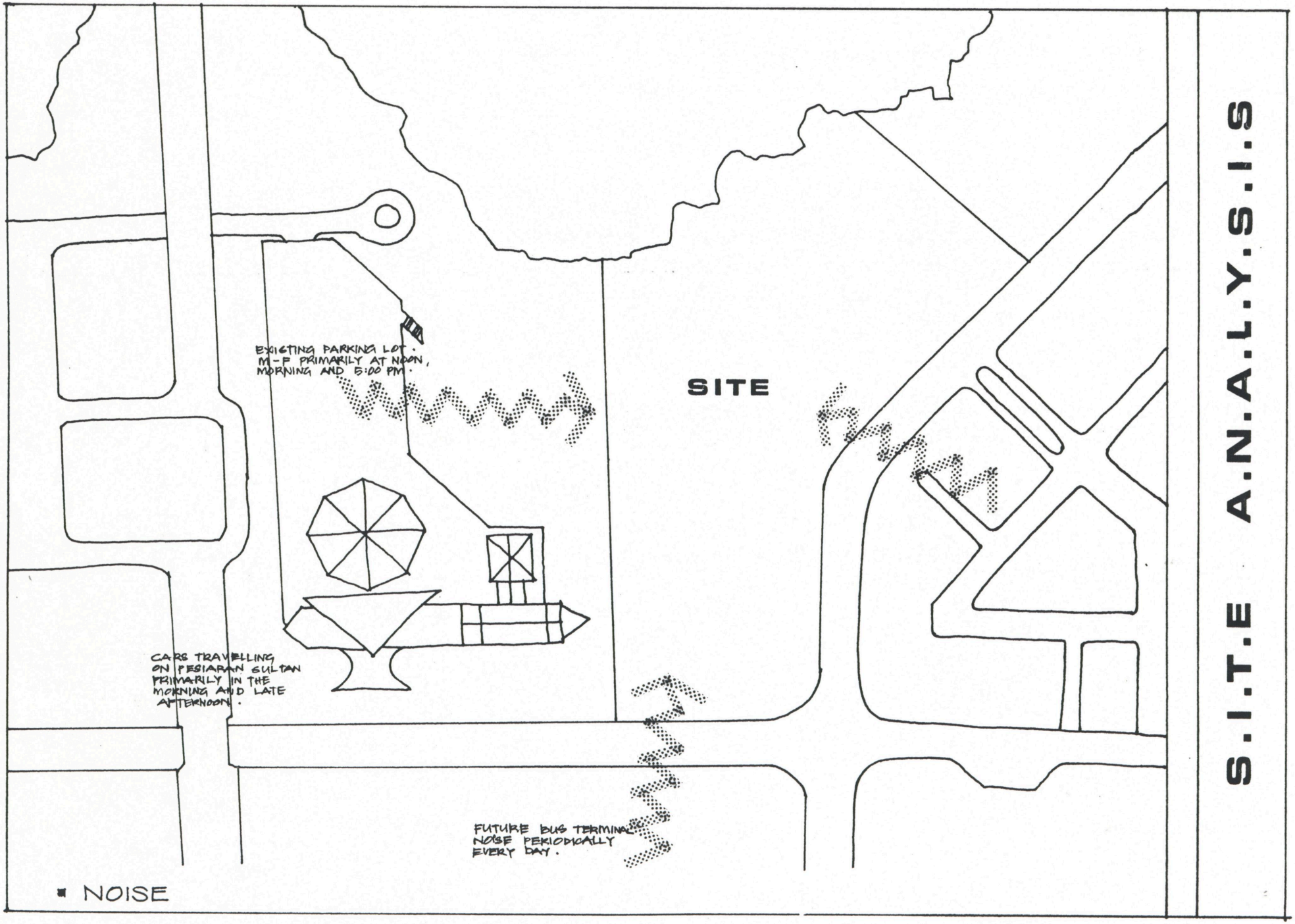
▪ VIEWS FROM THE SITE

DESIGN RESPONSE

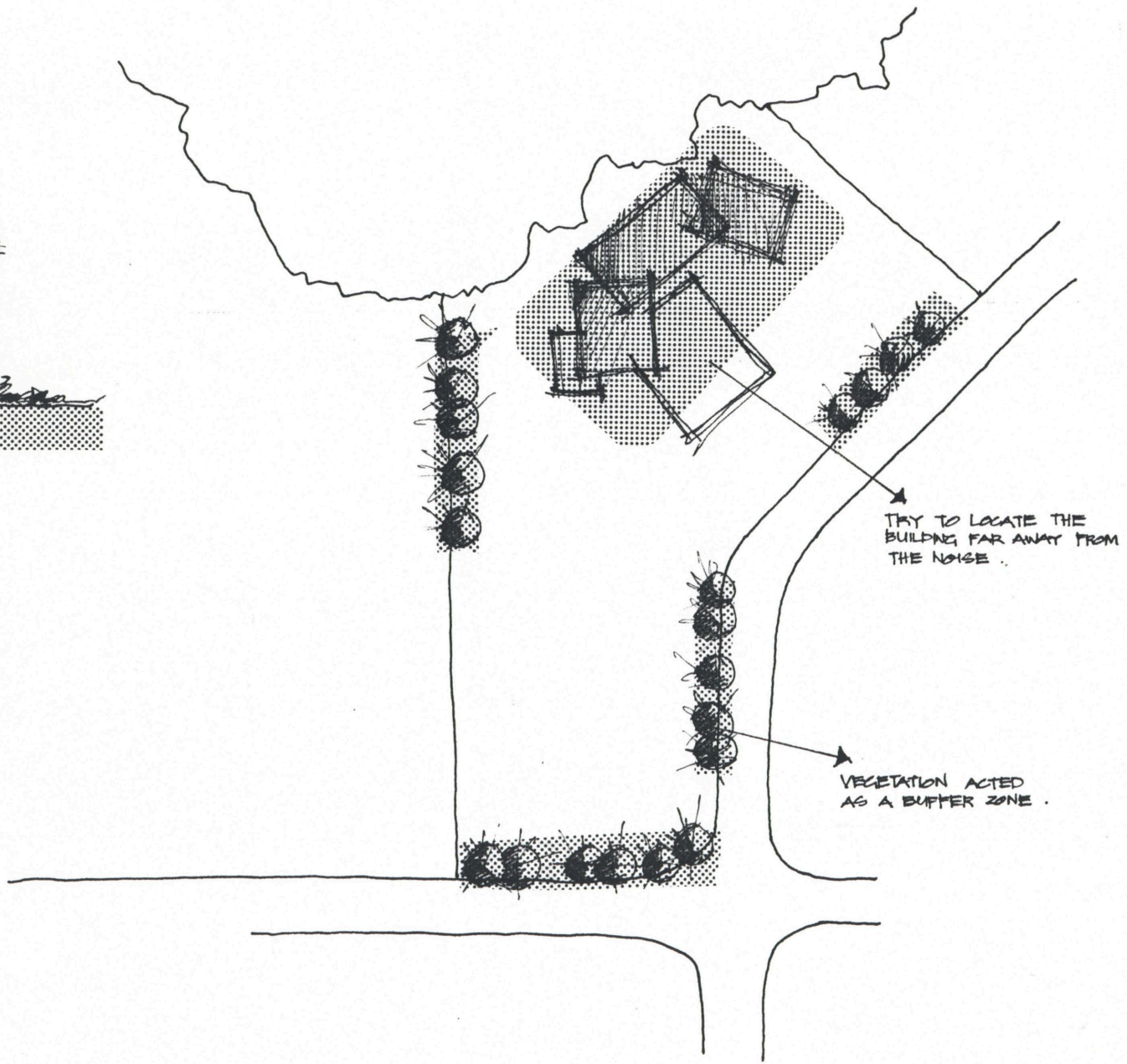




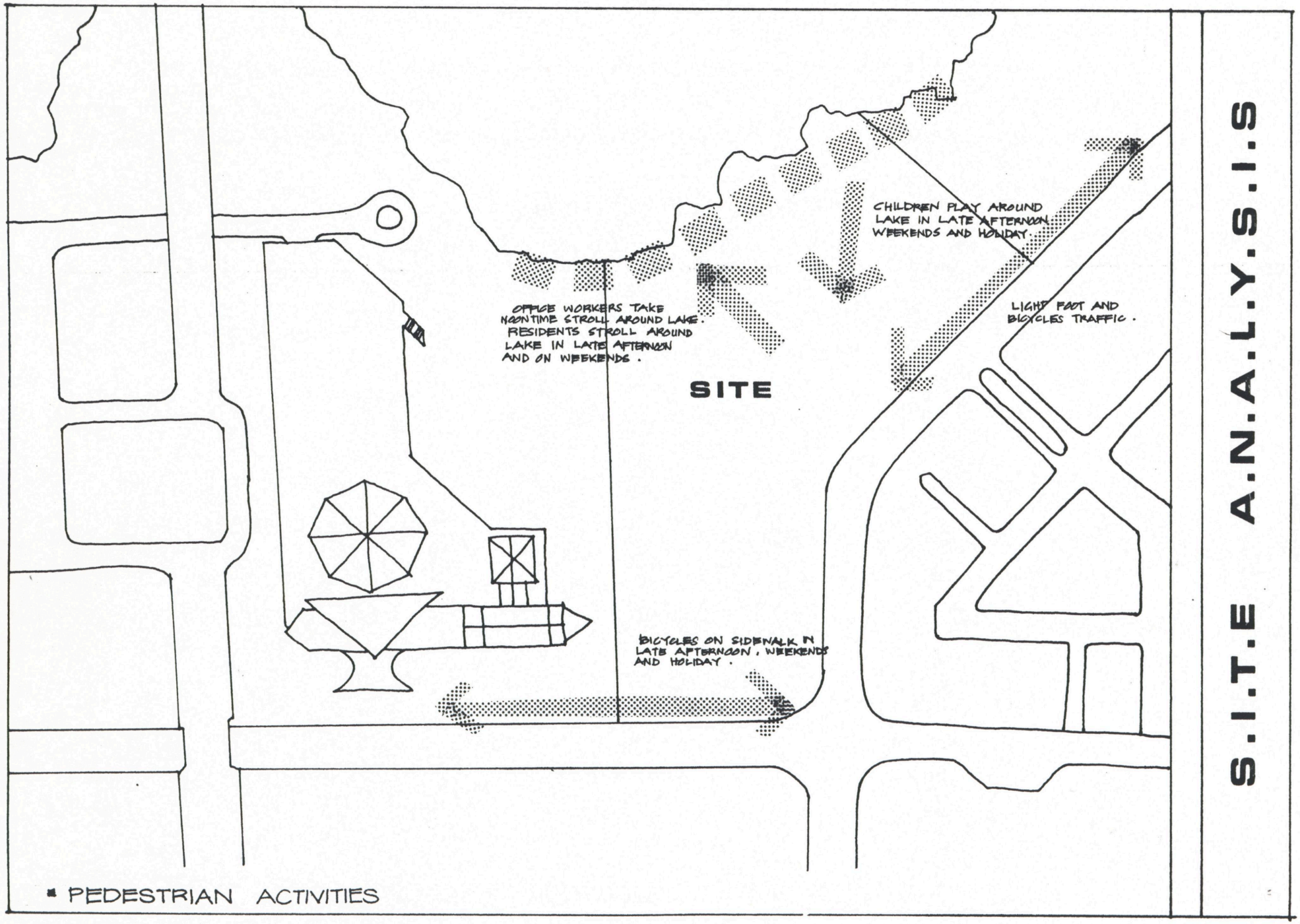


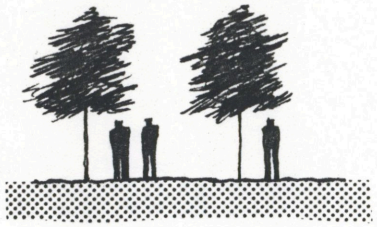

S.I.T.E A.N.A.L.Y.S.I.S
SITE
EXISTING PARKING LOT. M-F PRIMARILY AT NOON, MORNING AND 5:00 PM.
CARS TRAVELLING ON PESIARAN SULTAN PRIMARILY IN THE MORNING AND LATE AFTERNOON.
FUTURE BUS TERMINAL NOISE PERIODICALLY EVERY DAY.
NOISE

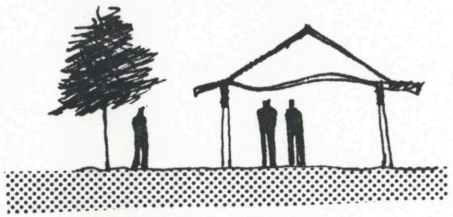


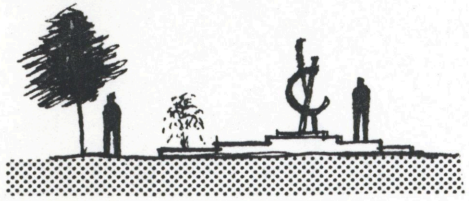


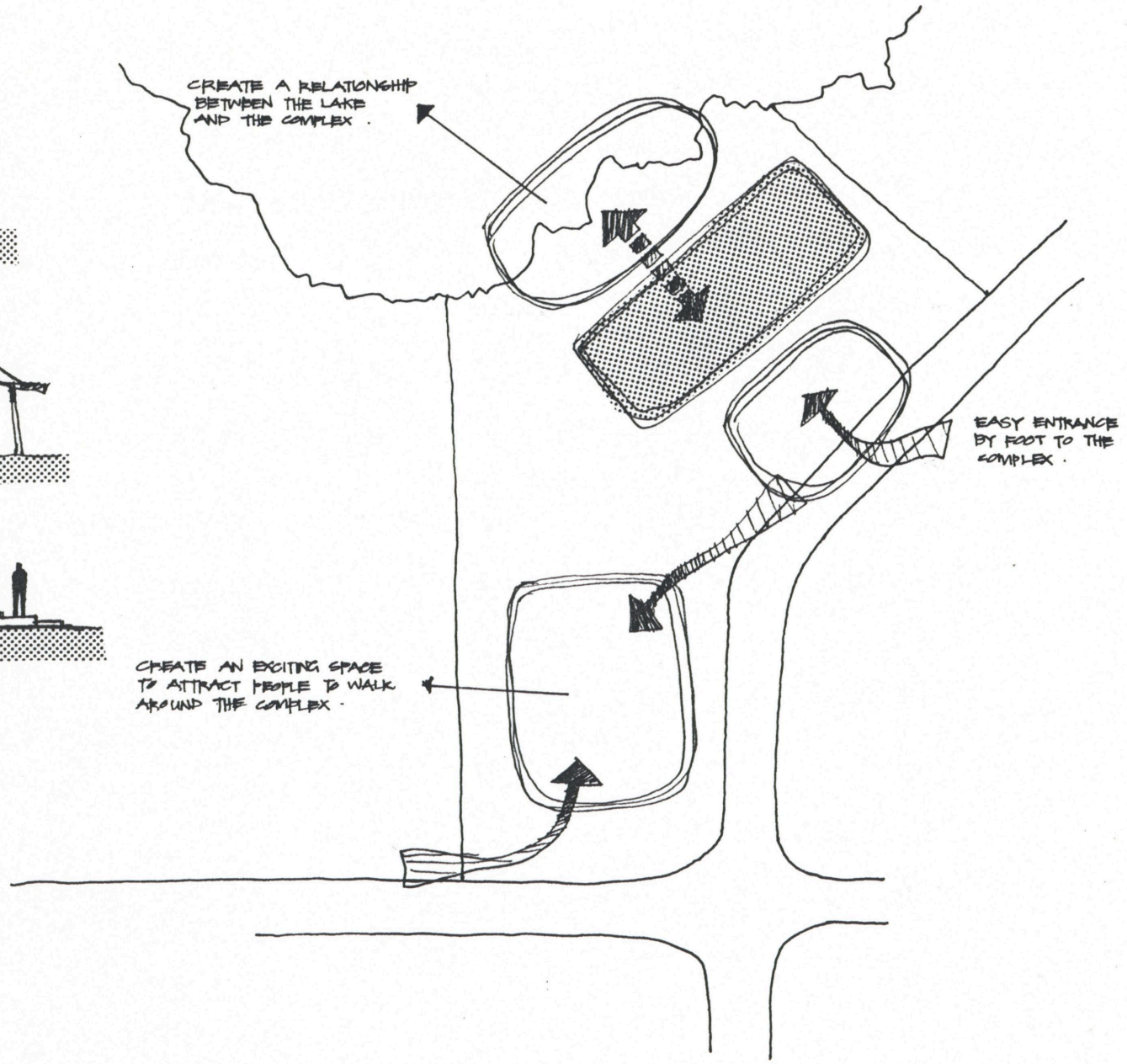
DESIGN RESPONSE


S.I.T.E A.N.A.L.Y.S.I.S
CHILDREN PLAY AROUND LAKE IN LATE AFTERNOON, WEEKENDS AND HOLIDAY.
OFFICE WORKERS TAKE NOONTIME STROLL AROUND LAKE. RESIDENTS STROLL AROUND LAKE IN LATE AFTERNOON AND ON WEEKENDS.
LIGHT FOOT AND BICYCLES TRAFFIC.
SITE
BICYCLES ON SIDEWALK IN LATE AFTERNOON, WEEKENDS AND HOLIDAY.
PEDESTRIAN ACTIVITIES









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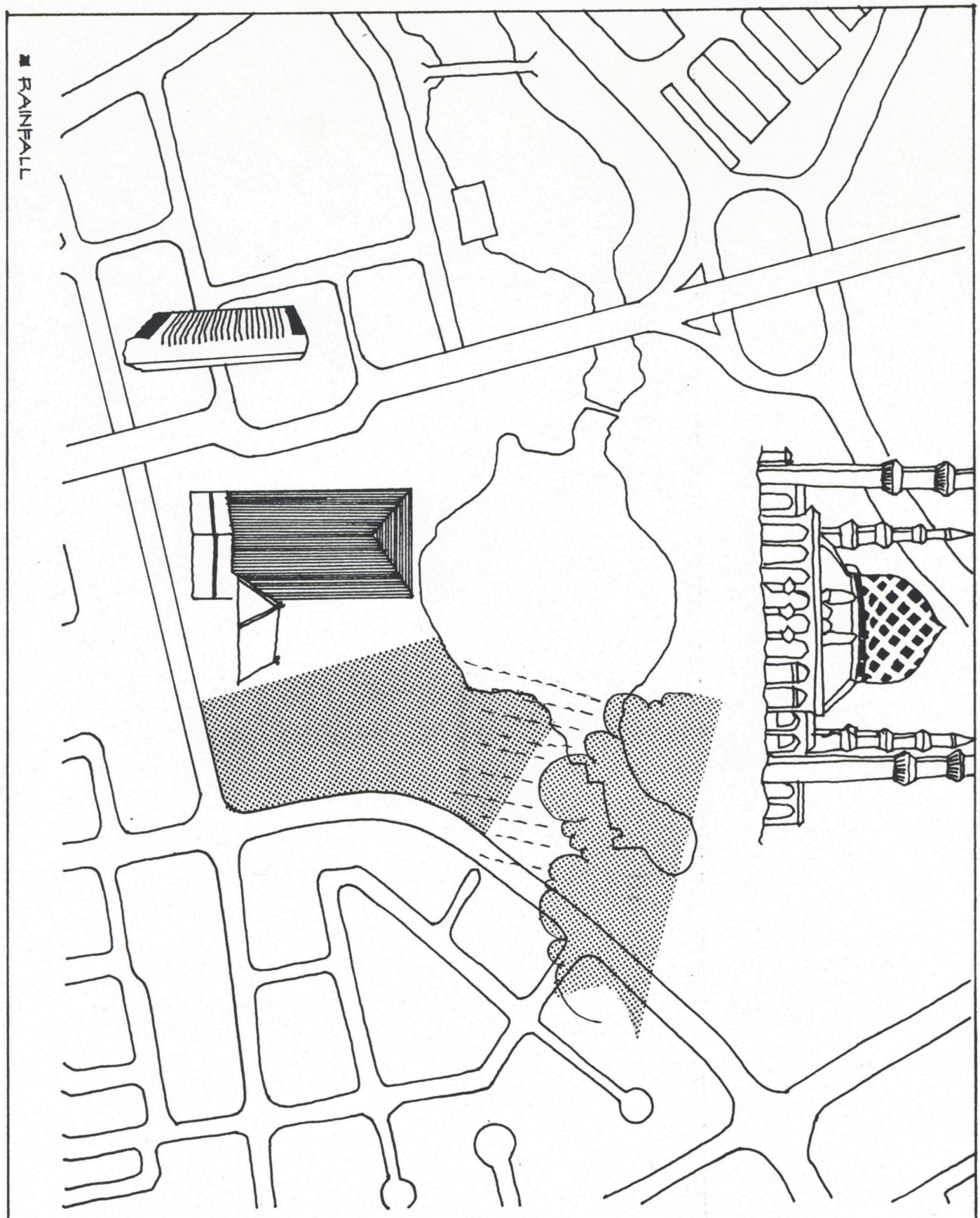
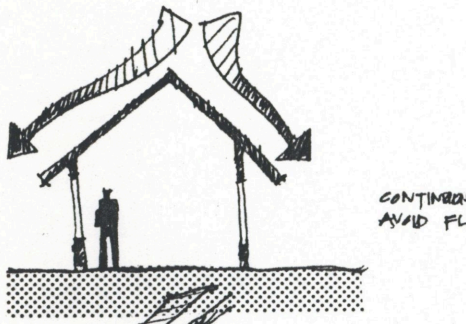
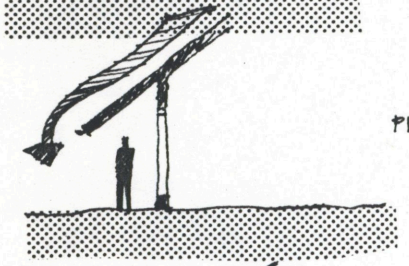


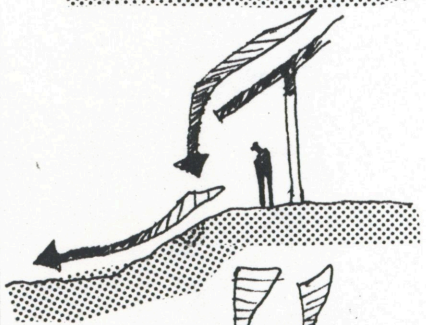
S.I.T.E A.N.A.L.Y.S.I.S



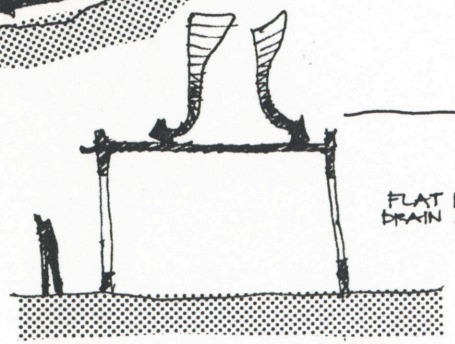
CONTINUOUS SURFACE TO AVOID FLASHING PROBLEMS.



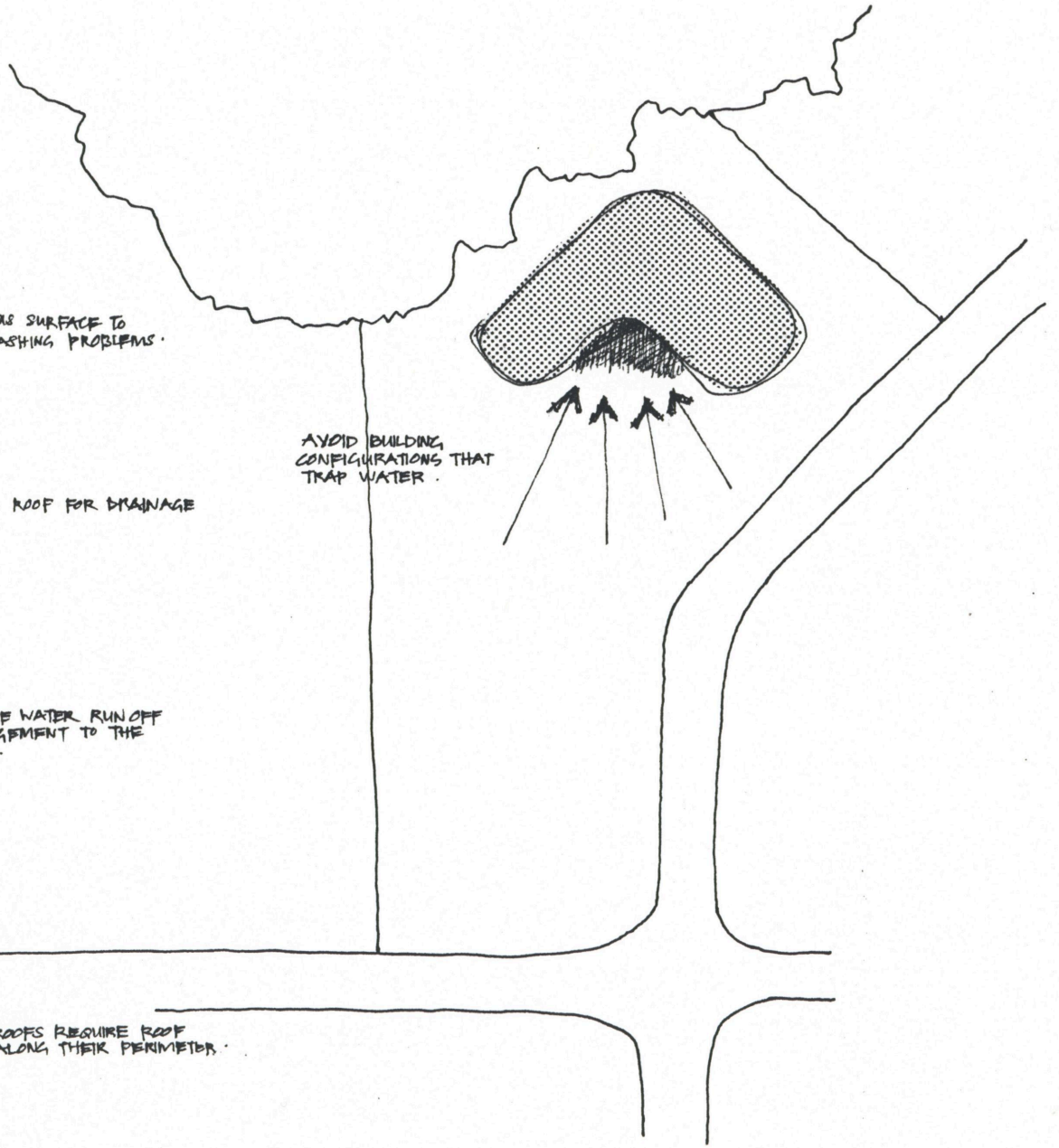
PITCHED ROOF FOR DRAINAGE



POSITIVE WATER RUN OFF MANAGEMENT TO THE LAKE.



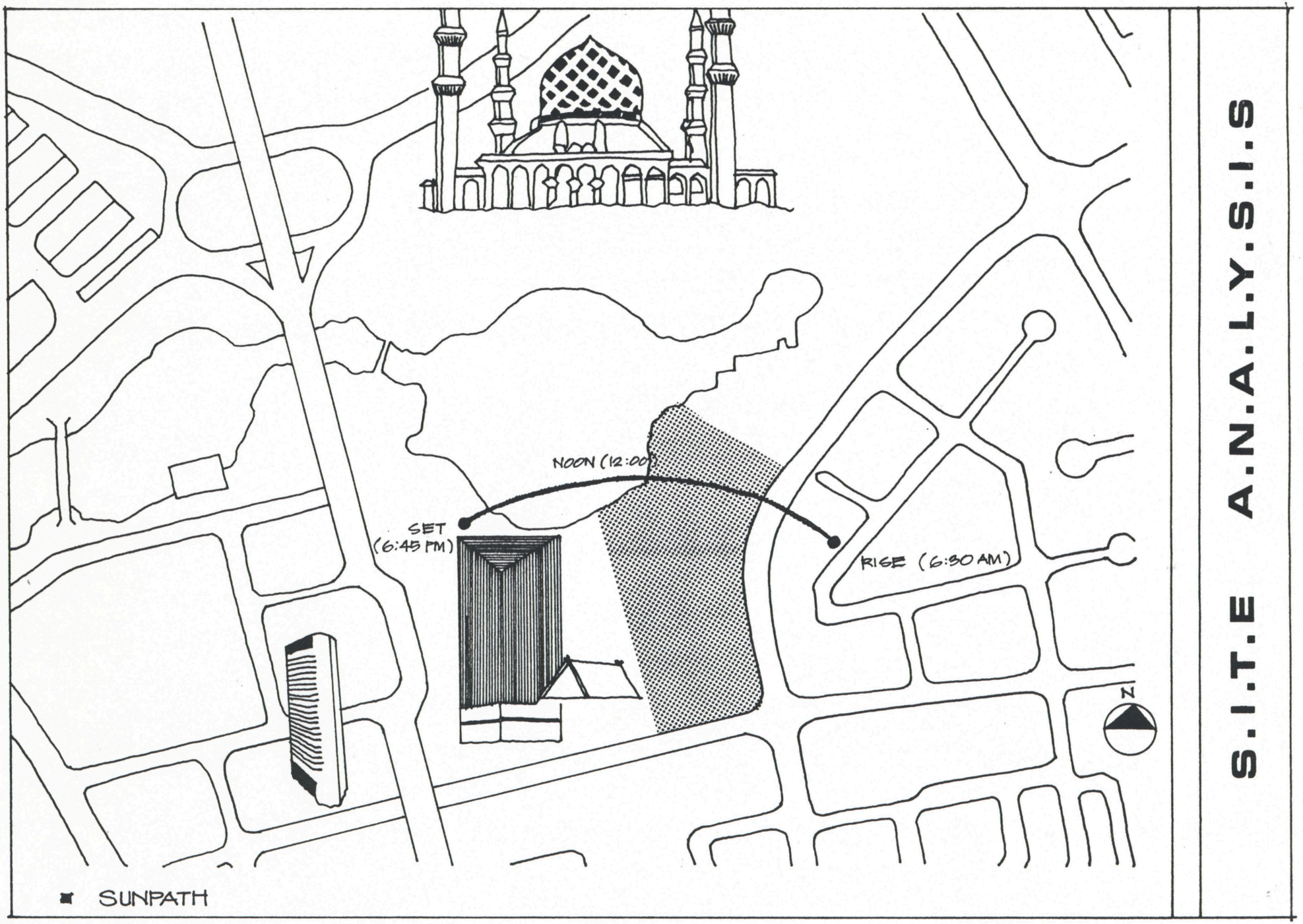
FLAT ROOFS REQUIRE ROOF DRAIN ALONG THEIR PERIMETER.

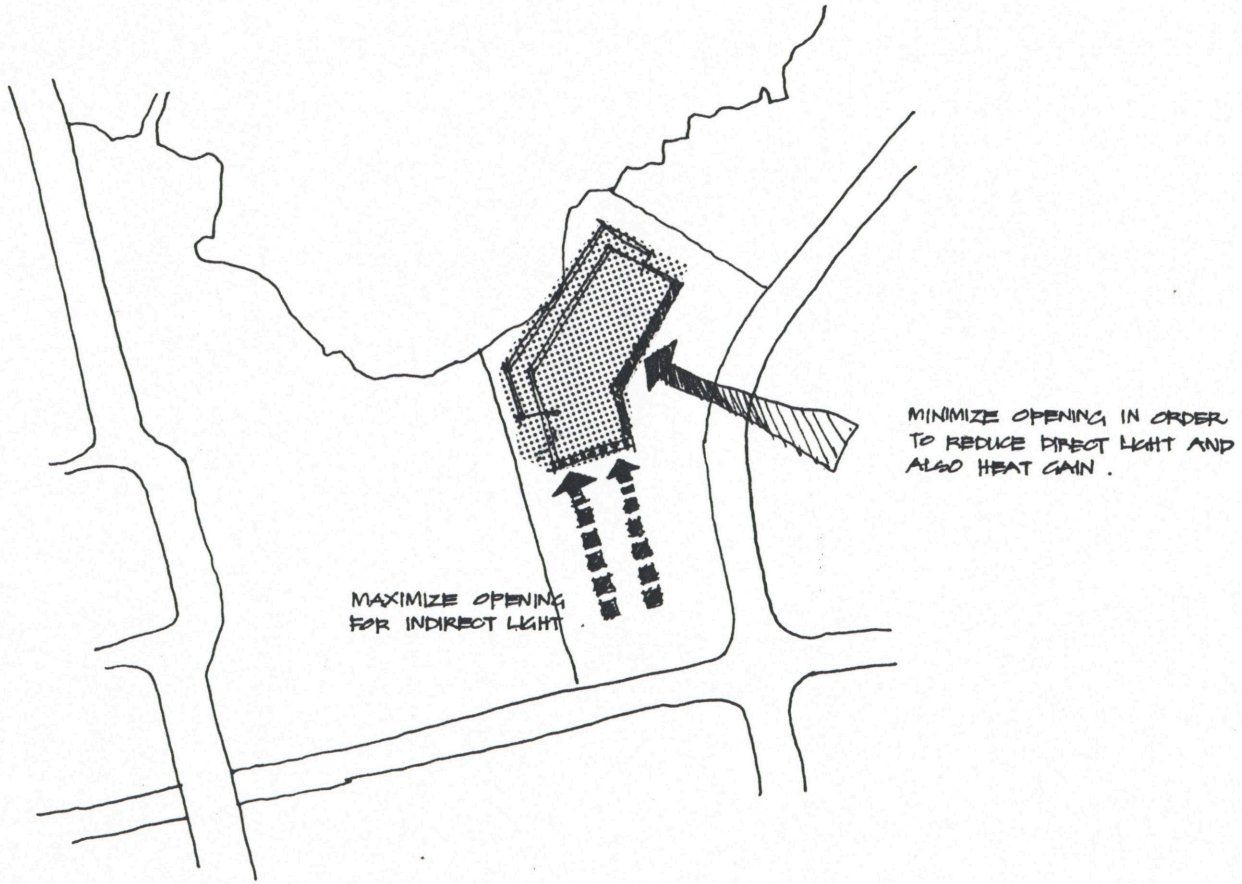


AVOID BUILDING CONFIGURATIONS THAT TRAP WATER.

DESIGN RESPONSE

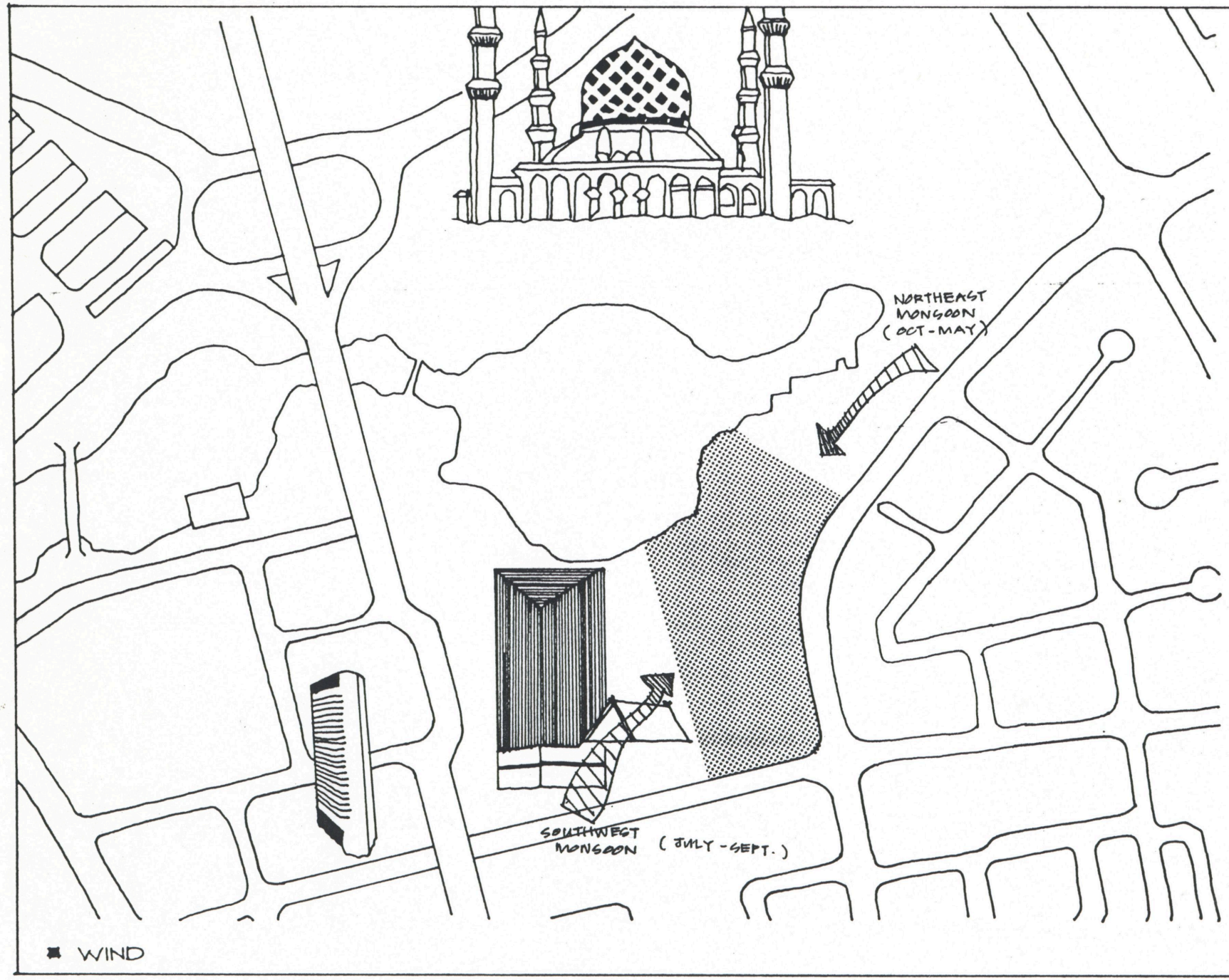
S.I.T.E A.N.A.L.Y.S.I.S

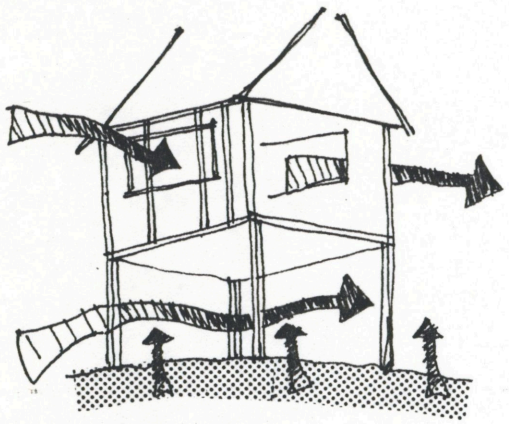




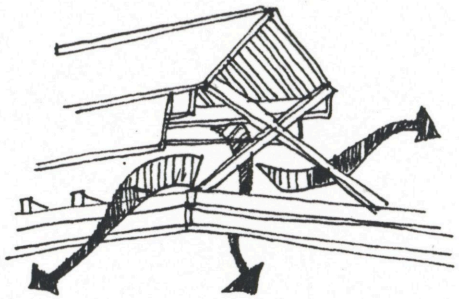
DESIGN RESPONSE

S.I.T.E A.N.A.L.Y.S.I.S

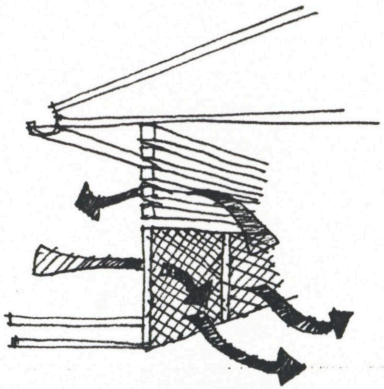




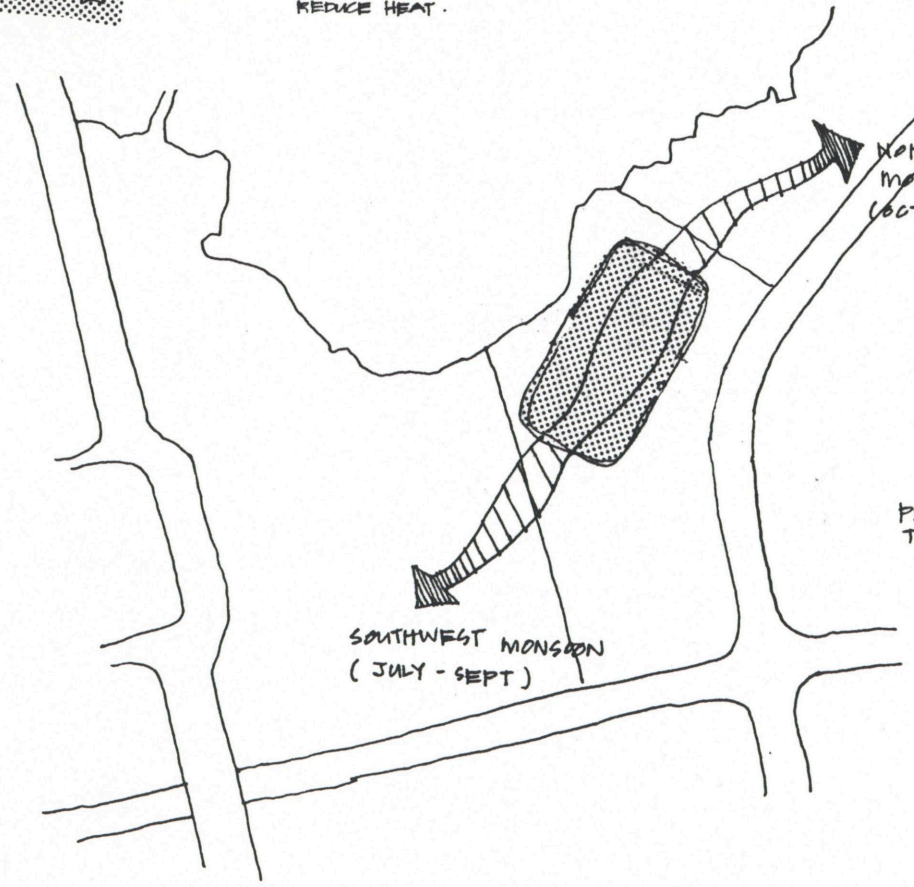
BUILDING RAISED ON STILTS PROVIDE FOR VENTILATION SHADE.



CROSS-VENTILATION EFFECT - TO REDUCE HEAT.

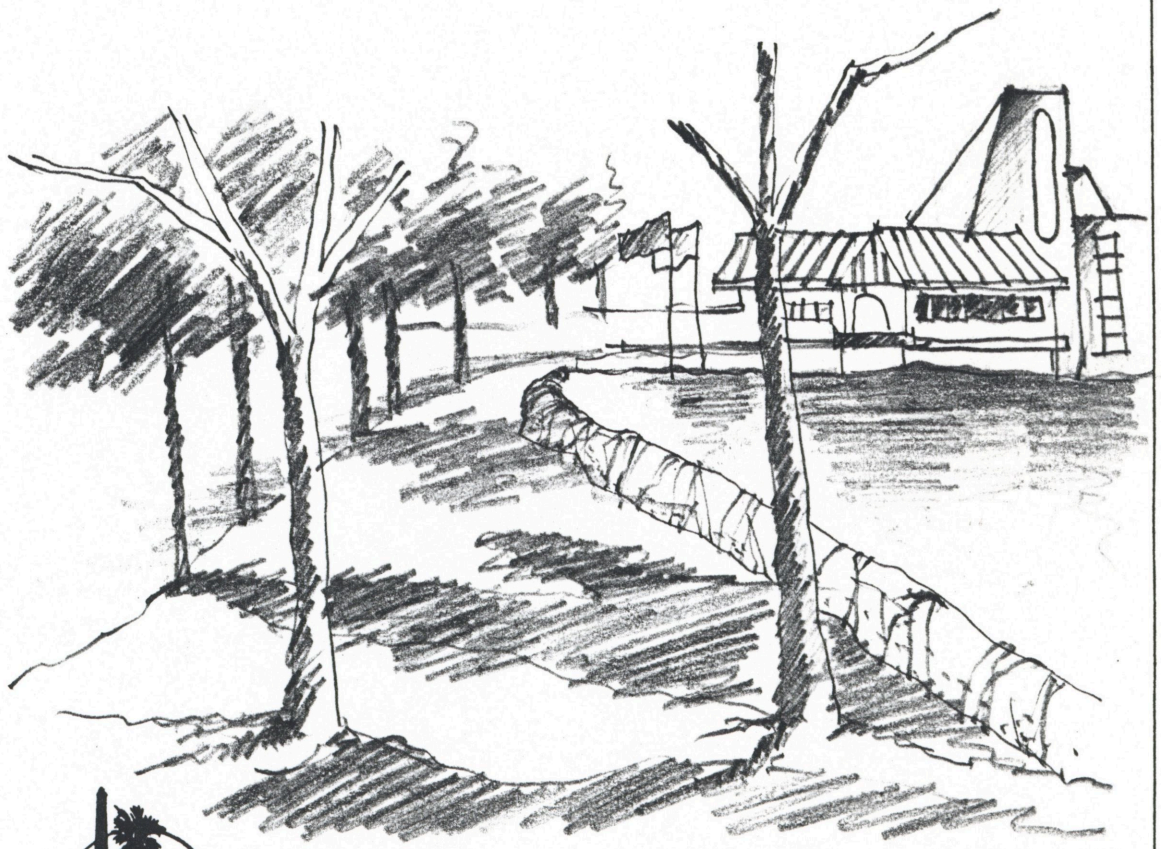


VENTILATION GRILLES AT HIGH LEVELS, GEOMETRICALLY PATTERNED GRILLES FOR SUN SHADING.

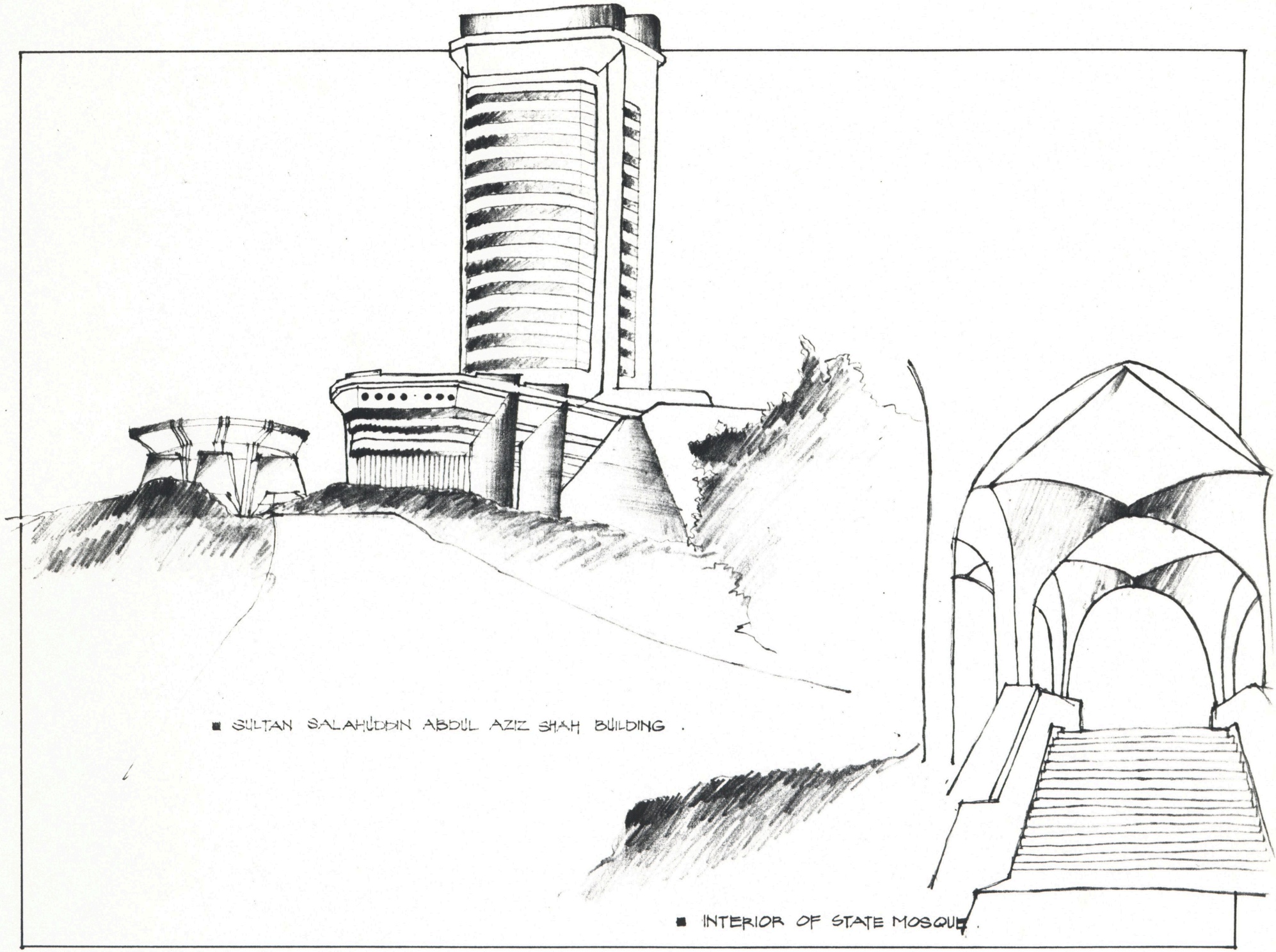


PERMIT BREEZES THROUGH THE BUILDING.

DESIGN RESPONSE

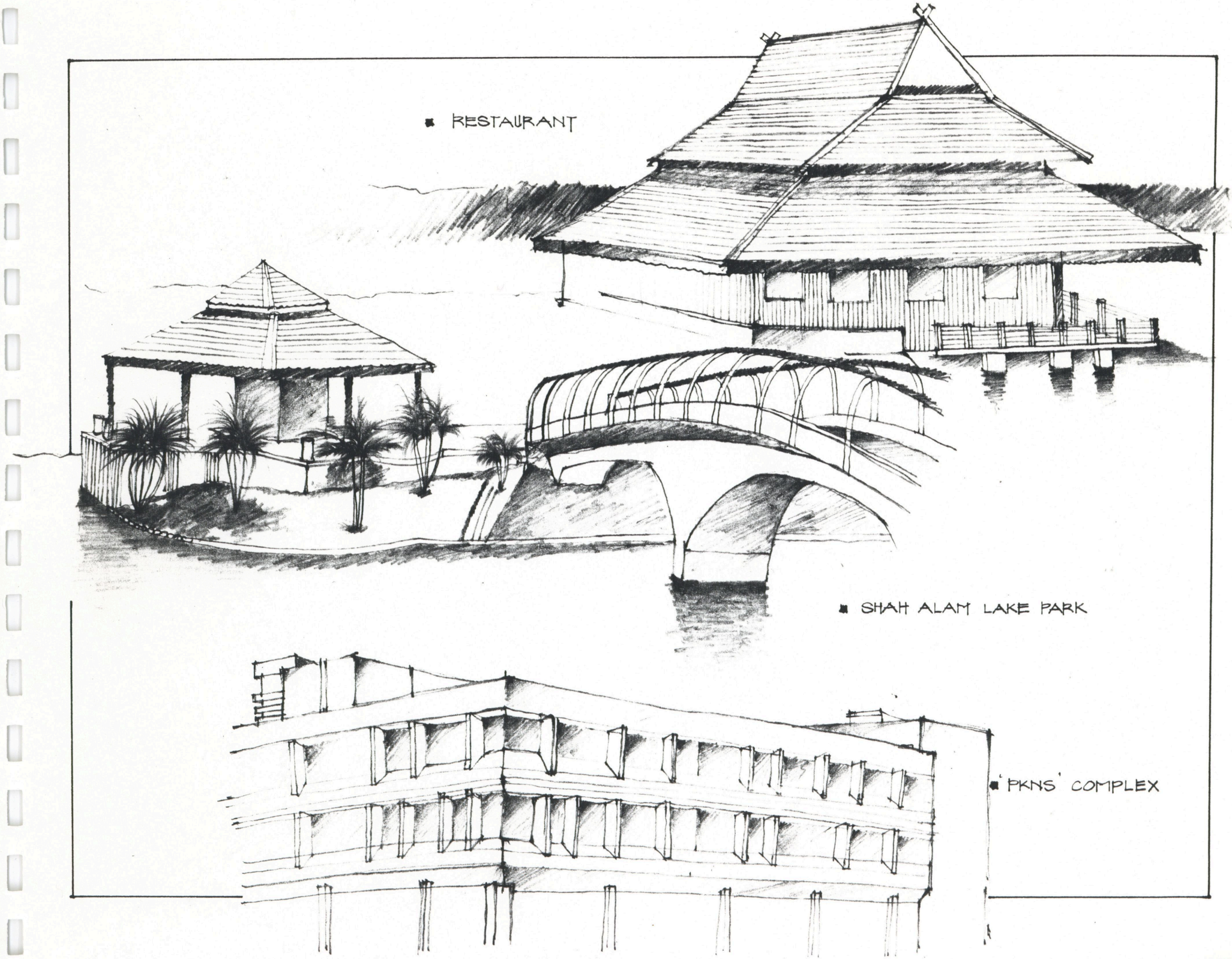


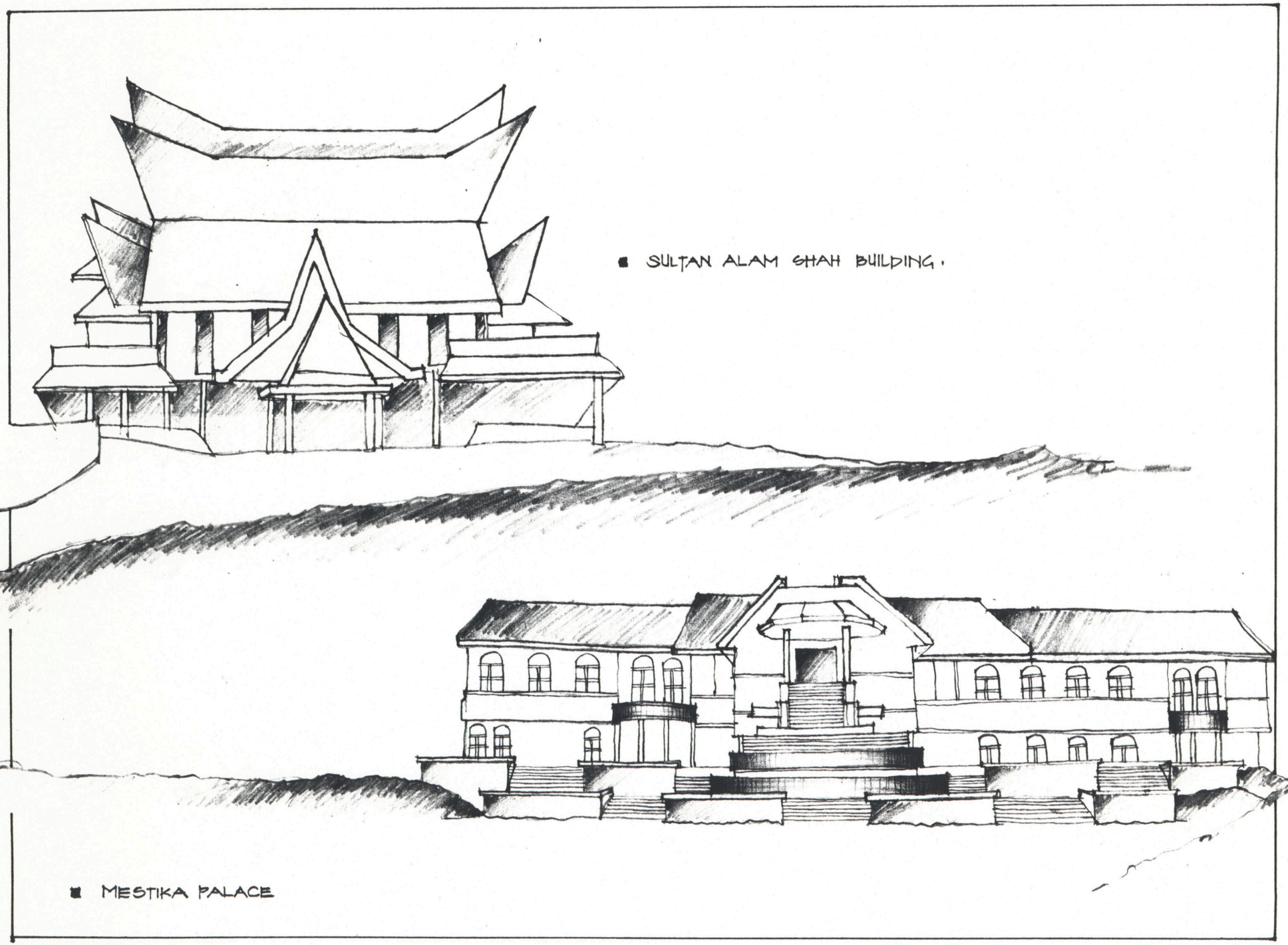
ARCHITECTURAL CONTEXT

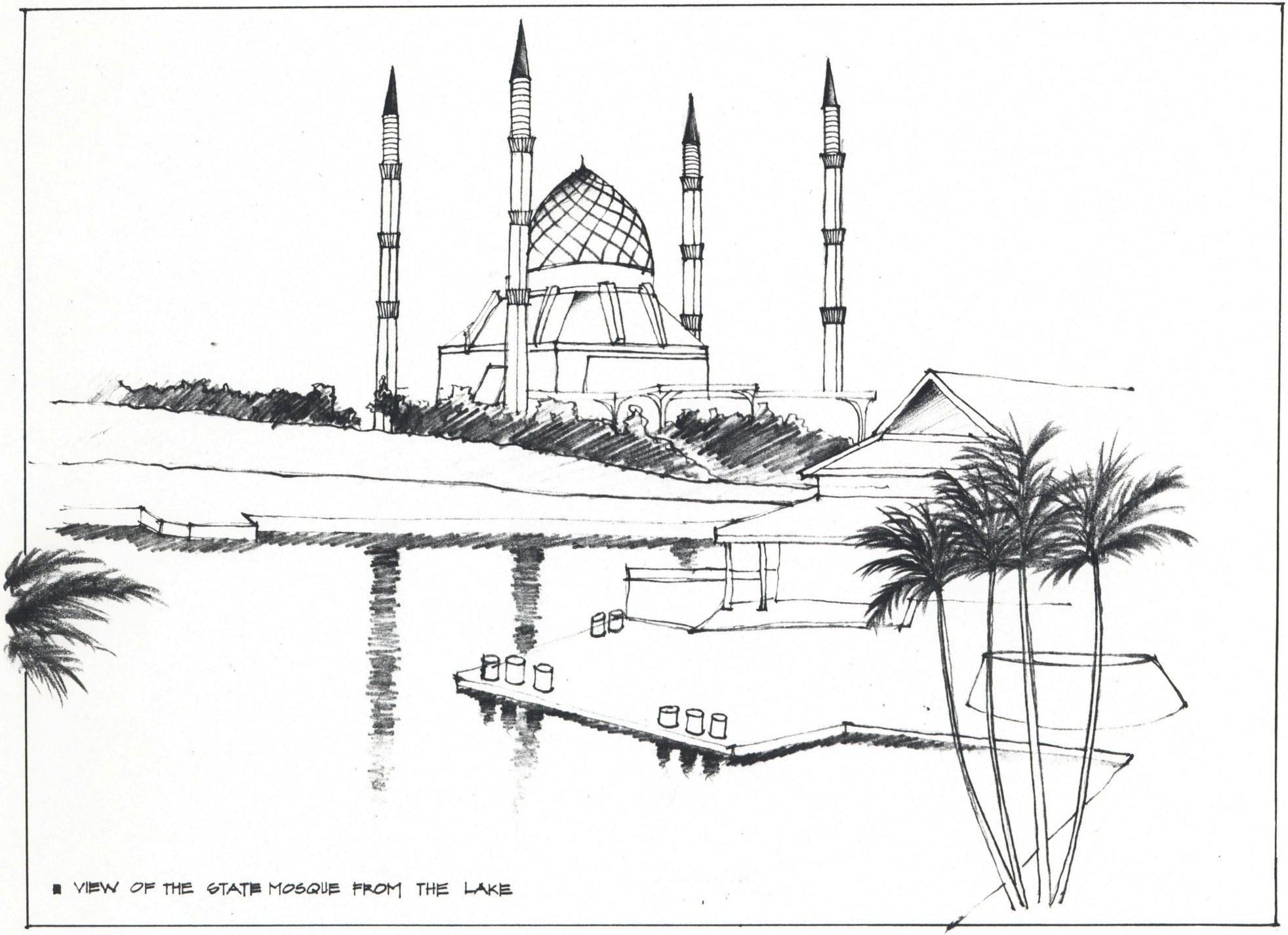


■ SULTAN SALAHUDDIN ABDUL AZIZ SHAH BUILDING .

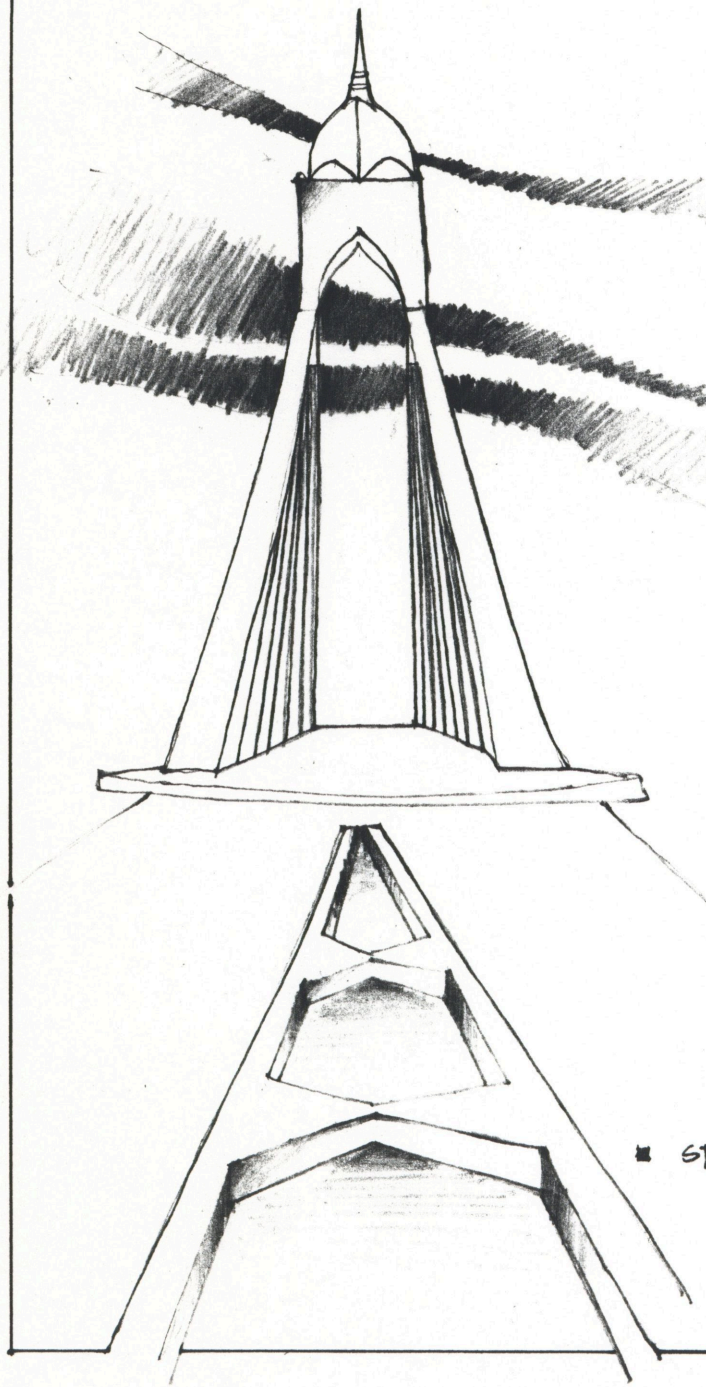
■ INTERIOR OF STATE MOSQUE .


RESTAURANT
SHAH ALAM LAKE PARK
'PKNS' COMPLEX

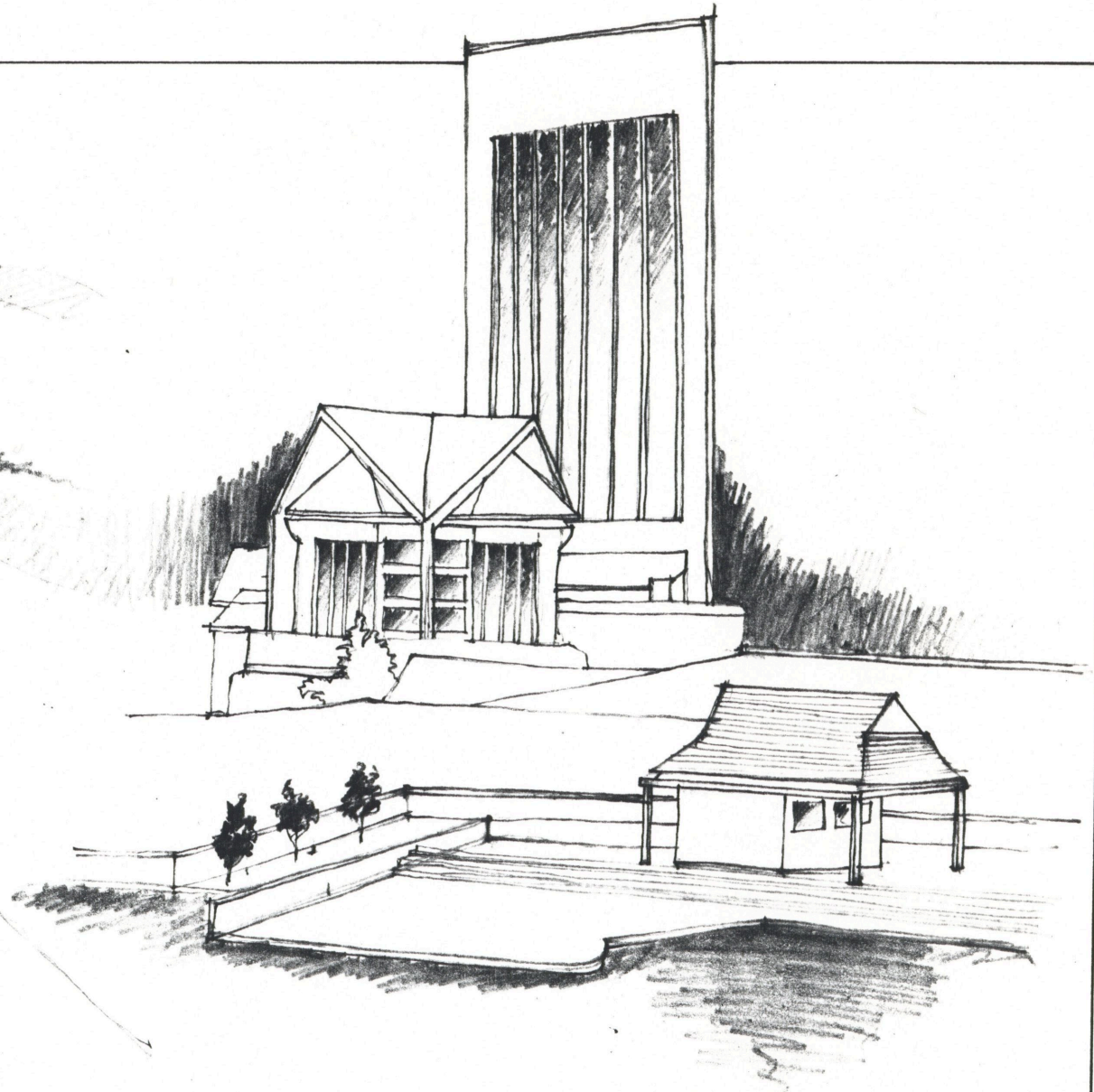

SULTAN ALAM SHAH BUILDING.
MESTIKA PALACE



■ VIEW OF THE STATE MOSQUE FROM THE LAKE



■ STATE MONUMENT.



■ MPSA TOWER AND CONFERENCE CENTER.





PROGRAMMING

MUSEUM COMPLEX

P.R.O.G.R.A.M

SPACES	SPATIAL REQUIREMENT
ENTRANCE FOYER	*
CLOAKROOM	300 S.F
LOBBY : ORIENTATION SPACE	*
DIRECTOR OFFICE	600
ASSISTANT DIRECTOR OFFICE	450
SECRETARY AND RECEPTION	300
INFORMATION CENTER OFFICE	350
STAFF LOUNGE	~~600~~ 1000
CONFERENCE ROOM	~~550~~ 1050
GIFT SHOPS	1000 ✓
PUBLIC TOILET (M & W)	1200 ✓
CONTEMPORARY ART DISPLAY :	
• MAIN GALLERY SPACES	6000
• PAINTING AND DRAWING GALLERY	3500
• SCULPTURE GALLERY	3500
• SPECIAL EXHIBITION GALLERY	3000
TRADITIONAL / LOCAL CULTURE DISPLAY :	
• HANDICRAFT	3000
• WOOD - CARVING	2000
• SPORTS	2500

P.R.O.G.R.A.M

SPACES	SPATIAL REQUIREMENT
• ART FORMS/MUSIC	2500 S.F
• COSTUME	2500
SPECIAL OUTDOOR EXHIBITION + SCULPTURE COURTYARD	*
RESTAURANT AND LOUNGE	4500
KITCHEN	1000
RESTAURANT TOILET (M & W)	750
RESTAURANT STORAGE	400
SUPPORT FACILITIES :	
RECEIVING AND LOADING	1000
GENERAL STORAGE	1500
LAYOUT AND ASSEMBLY ROOM	1000
GALLERY PREPARATION AREA	750
STORAGE FOR GALLERIES	1500
EXHIBIT PREPARATION AREA	750
STORAGE FOR EXHIBITION ROOMS	1500
PHOTOGRAPHY ROOM	400
JANITORIAL ROOM	500
MECHANICAL ROOM	1000

P.R.O.G.R.A.M

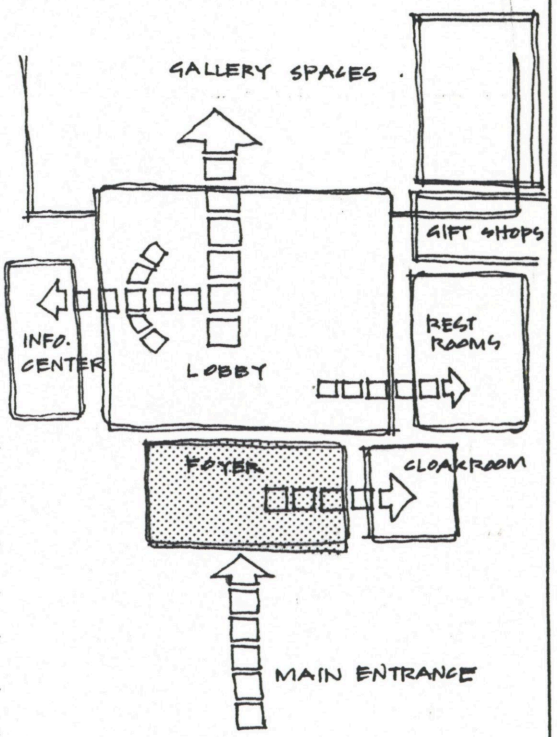
SUMMARY AREAS :

MUSEUM	40,500 S.F.
SUPPORT FACILITIES	9,900 S.F.
SUBTOTAL :	50,400 S.F.
CIRCULATION (20%)	10.080 S.F.
TOTAL :	60,480 S.F

* TO BE DETERMINED AFTER SCHEMATIC DRAWING .

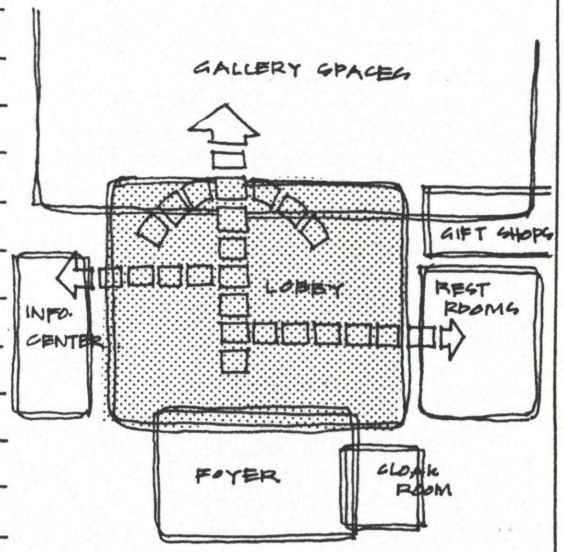
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	ENTRANCE FOYER
FUNCTION	MAIN ENTRANCE TO THE MUSEUM COMPLEX . THE ENTRANCE MUST BE IN VIEW OF CONTROL OF INFORMATION CENTER & OFFICE .
QUANTITY	ONE .
AREA REQ'D	*
RELATED	CLOAKROOM , LOBBY , PUBLIC TOILETS .
EQUIPMENT	NONE . SECURITY CONTROL
	* TO BE DETERMINED AFTER SCHEMATIC DESIGN .



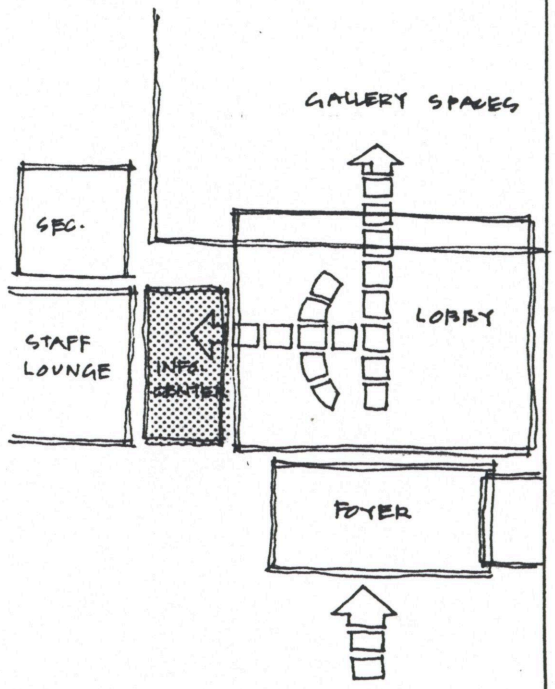
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	LOBBY ; ORIENTATION SPACE
FUNCTION	FAMILARIZE AND ORIENT THE VISITOR TO THE EXHIBITS DISPLAY ROOMS AND THE BUILDING .
QUANTITY	ONE
AREA REQ'D	*
RELATED	FOYER , INFORMATION CENTER AND MANAGERIAL SPACE .
EQUIPMENT	WATER FOUNTAINS .



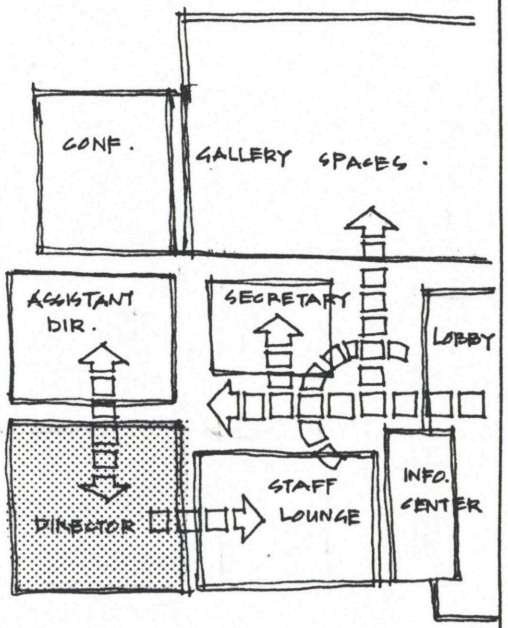
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	INFORMATION CENTER
FUNCTION	PROVIDE INFORMATION TO THE PUBLIC . HANDOUT AND BROCHURES .
QUANTITY	ONE
AREA REQ'D	350 □ .
RELATED	LOBBY , FOYER AND DIRECTOR OFFICE .
EQUIPMENT	COUNTER & DESK .



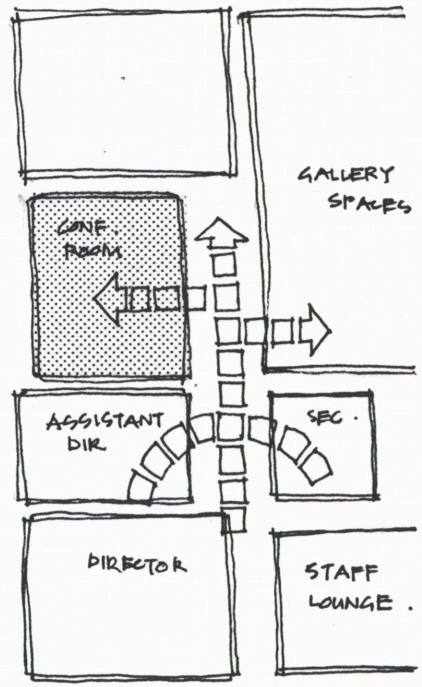
P.R.O.G.R.A.M

ZONE	STAFF SPACE
SPACE	DIRECTOR OFFICE
FUNCTION	PROVIDE MANAGEMENT OF THE MUSEUM AND AREA FOR INDIVIDUAL WORK .
QUANTITY	ONE
AREA REQ'D	600 □
RELATED	SECRETARY , ASSISTANT DIR. AND STAFF LOUNGE .
EQUIPMENT	CHAIRS & TABLE , SHELVES .



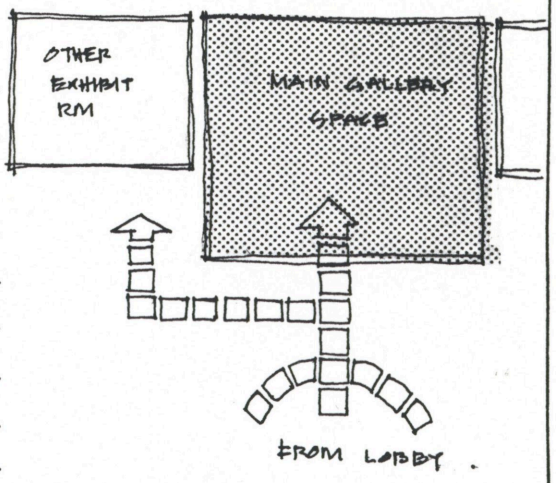
P.R.O.G.R.A.M

ZONE	STAFF SPACE
SPACE	CONFERENCE ROOM
FUNCTION	HOLD STAFF MEETING
QUANTITY	ONE
AREA REQ'D	550 ☐
RELATED	MANAGERIAL SPACE, GALLERY SPACE
EQUIPMENT	ROUND TABLES, CHAIRS.



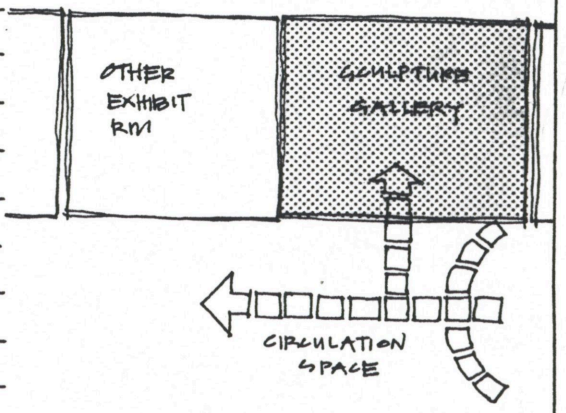
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	CONTEMPORARY ART DISPLAY .
FUNCTION	MAIN GALLERY SPACES ; DISPLAY AREA FOR CURRENT EXHIBITS .
QUANTITY	ONE .
AREA REQ'D	6000 ☐
RELATED	OTHER GALLERY SPACES & LOBBY .
EQUIPMENT	LIGHTING EQUIPMENT .



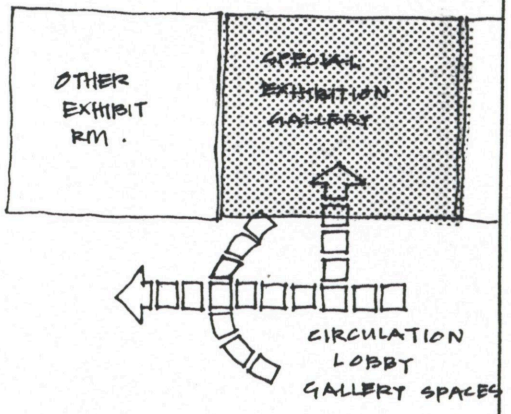
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	CONTEMPORARY ART DISPLAY.
FUNCTION	DISPLAY AREA FOR SCULPTURE MATERIAL.
QUANTITY	ONE.
AREA REQ'D	3500□
RELATED	OTHER GALLERY SPACES, LOBBY.
EQUIPMENT	LIGHTING EQUIPMENT & STAND FOR SCULPTURE.



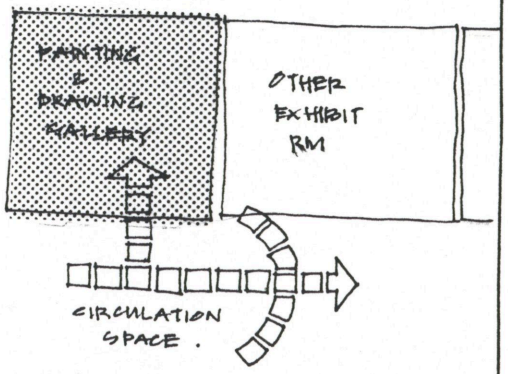
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	CONTEMPORARY ART DISPLAY.
FUNCTION	SPECIAL EXHIBITION GALLERY : INDIVIDUAL ARTIST SHOWROOM FOR CURRENT WORKS.
QUANTITY	ONE
AREA REQ'D	3000 ☐
RELATED	OTHER GALLERY SPACES, LOBBY.
EQUIPMENT	LIGHTING EQUIPMENT.



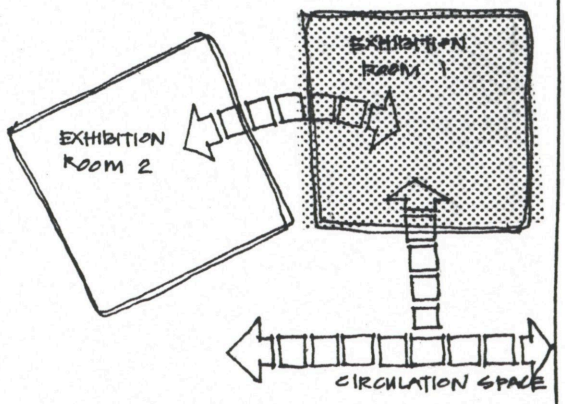
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE.
SPACE	CONTEMPORARY ART DISPLAY
FUNCTION	DISPLAY AREA FOR PAINTING AND DRAWING MATERIAL
QUANTITY	ONE
AREA REQ'D	3500 ☐.
RELATED	OTHER GALLERY SPACES ; LOBBY.
EQUIPMENT	LIGHTING EQUIPMENT AND WALL TO HANG THE PAINTING.



P.R.O.G.R.A.M

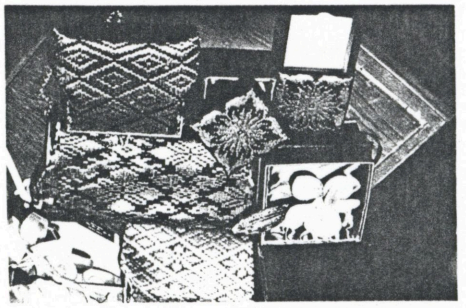
ZONE	PUBLIC SPACE
SPACE	TRADITIONAL/LOCAL CULTURE DISPLAY.
	EXHIBITION ROOM 1
FUNCTION	PROVIDE SPACE FOR TRADITIONAL
	HANDICRAFT ITEMS. AMONG THE
	POPULAR TRADITIONAL CRAFTMANSHIP
	ARE SONGKET, BATIK, MENGKUANG
	WEAVING AND SILVERCRAFT.
QUANTITY	ONE.
AREA REQ'D	3000 ☐.
RELATED	TO OTHER DISPLAY RMS.
EQUIPMENT	DISPLAY EQUIPMENT.



"SONGKET"

• SONGKET, MALAYSIAN 'CLOTH OF GOLD', HAS BEEN FASHIONED IN MALAYSIA SINCE THE 15TH. CENTURY AND WAS WIDELY PRACTICED DUE TO ITS ELEGANCE AND EXQUISITE CRAFTSMANSHIP. RICHLY WOVEN WITH GOLD AND SILVER THREAD, THIS FABRIC, ONCE EXCLUSIVE TO ROYALTY, IS USUALLY USED TODAY FOR FORMAL AND CEREMONIAL OCCASIONS SUCH AS WEDDINGS AND CONVOCATIONS. #

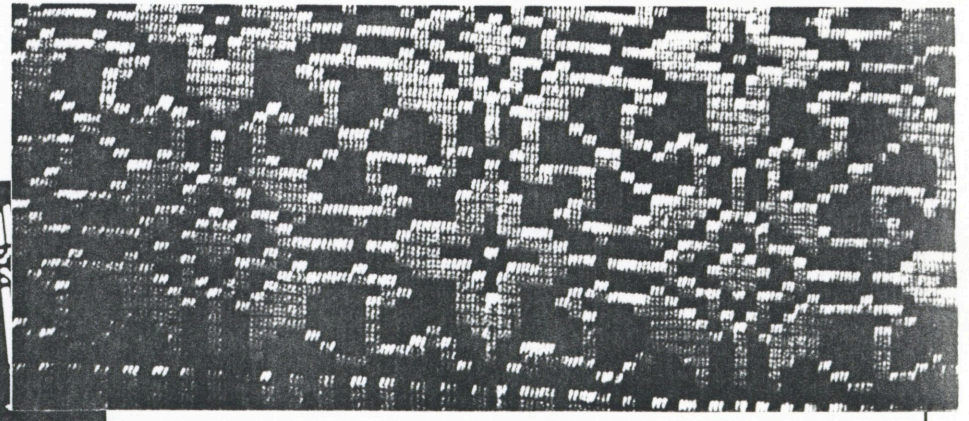


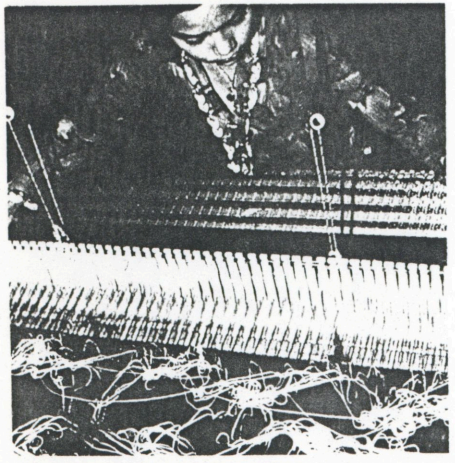


Songket items



The intricate design on a piece of songket





The songket weaving loom

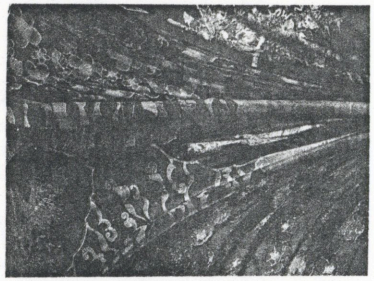




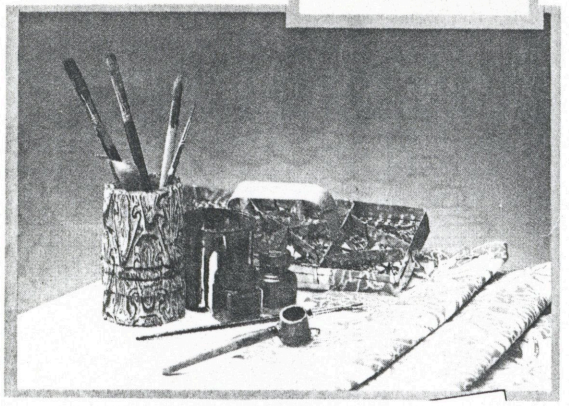
"SONGKET"

"BATIK"

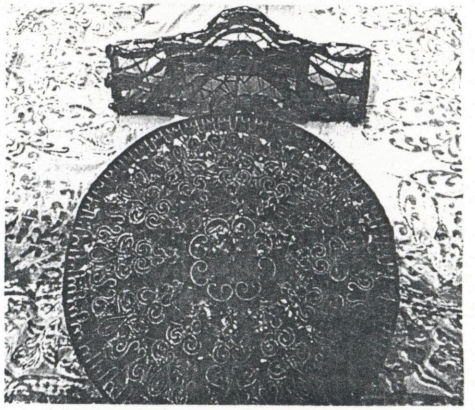
· BATIK HAS BEEN A HANDICRAFT IN MALAYSIA SINCE 1910 WHEN THE STAMP-BLOCK METHOD WAS FIRST USED TO PRINT COTTON SARONGS. THE WORD 'BATIK' MEANS DRAWING ART WITH WAX, SINCE BATIK IS A WAX-RESIST METHOD OF DYEING. WAX IS APPLIED IN PATTERNS OVER WHICH DYES ARE SPREAD, THUS PROTECTING THE AREA IT COVERS. THE WAX IS THEN BOILED AWAY. THE PROCESS IS REPEATED A FEW TIMES, RESULTING IN FREE-FLOWING CHROMATIC DESIGNS. THE FABRIC WAS THEN HUNG IN THE SHADE TO AIR-DRY IT. 5







An intricately-patterned 'jap'.

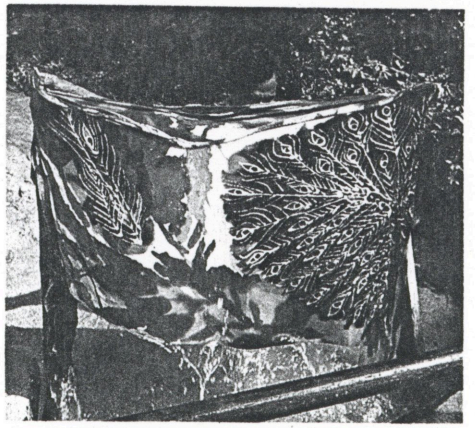




Bátik – a cottage industry in Kelantan.

Much care must be taken in stamping the 'jap'.





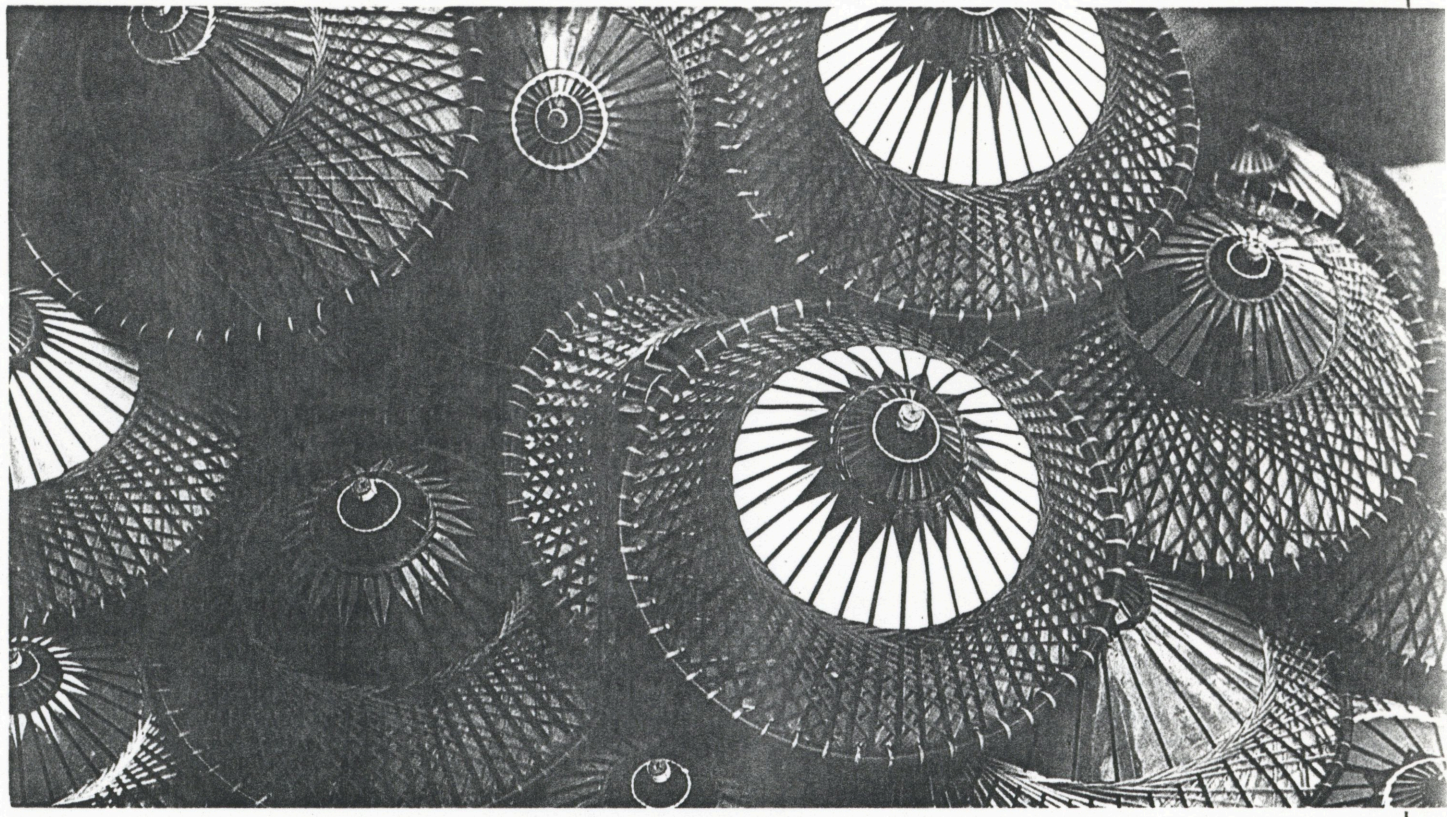
Rinsing the batik.

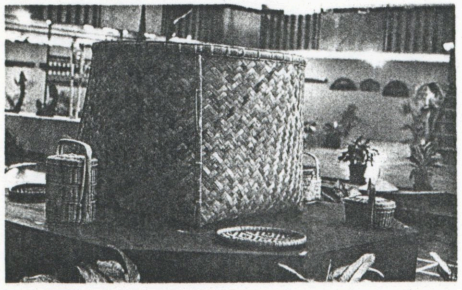


"MENGKUANG"

- MALAYSIAN WOMEN ARE RENOWNED FOR THEIR FINE SKILL IN THE ART OF WEAVING. "MENGKUANG" OR PANDANUS LEAVES AND BAMBOO STRIPS ARE SPLIT, CUT, SOAKED, BLEACHED, DYED AND THEN PLAITED INTO MATS, HATS, BAGS, WALL HANGINGS AND BASKETS. LIGHT-WEIGHT AND INEXPENSIVE, THEY ARE FUNCTIONAL AS WELL AS DECORATIVE AND MAKE EXCELLENT SOUVENIRS AND GIFTS. [6]





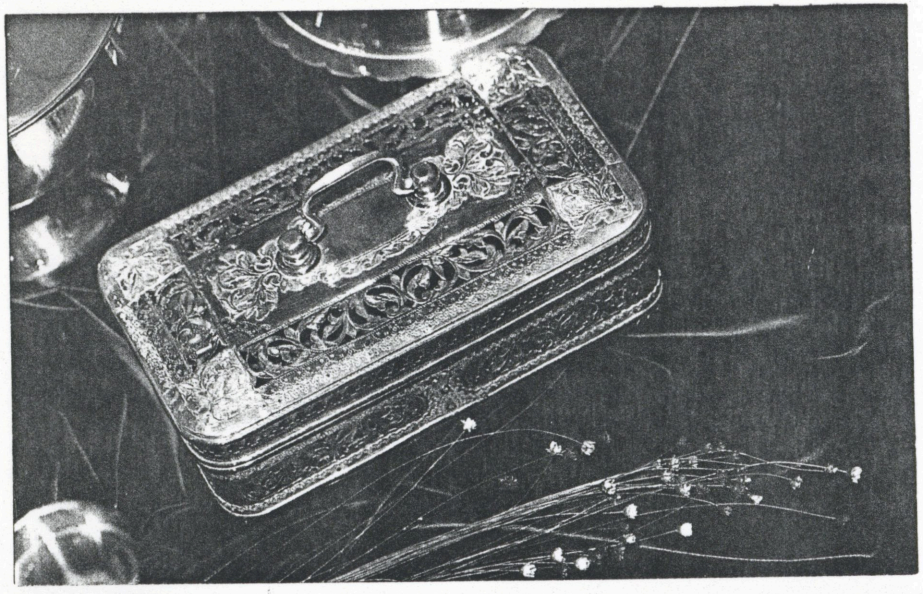




"MENGKUANG"

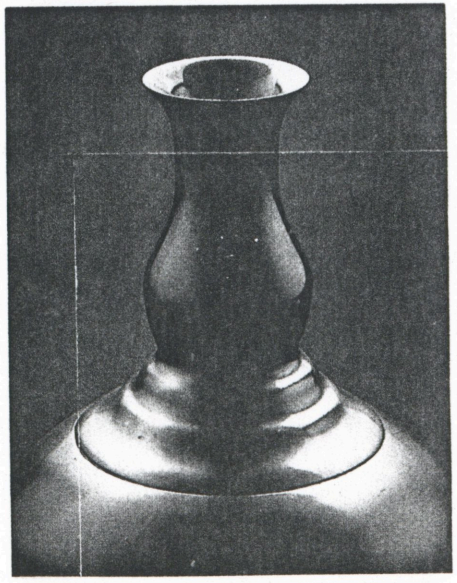
"SILVERCRAFT"

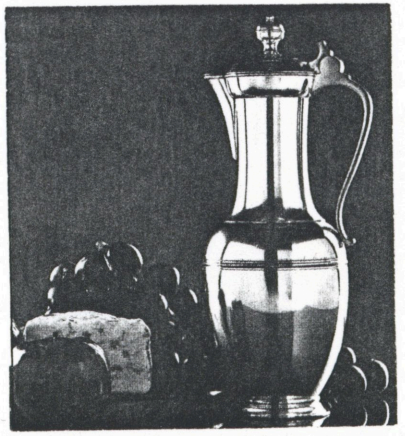
• SILVERCRAFT IS ANOTHER TRADITIONAL CRAFT WHICH HAS BECOME A THRIVING COTTAGE INDUSTRY IN MALAYSIA. ITEMS RANGE FROM THE PRACTICAL TO THE PURELY ORNAMENTAL SUCH AS FRUIT BOWLS, TEA SETS, ASH-TRAYS, CAKE-SERVERS, SPOONS, BELTS, PENDANTS AND EARRINGS - EACH ARTICLE BEING DELICATELY HAND FINISHED. 7







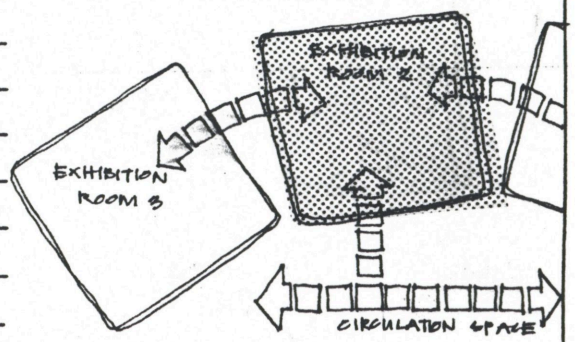




"SILVERCRAFT"

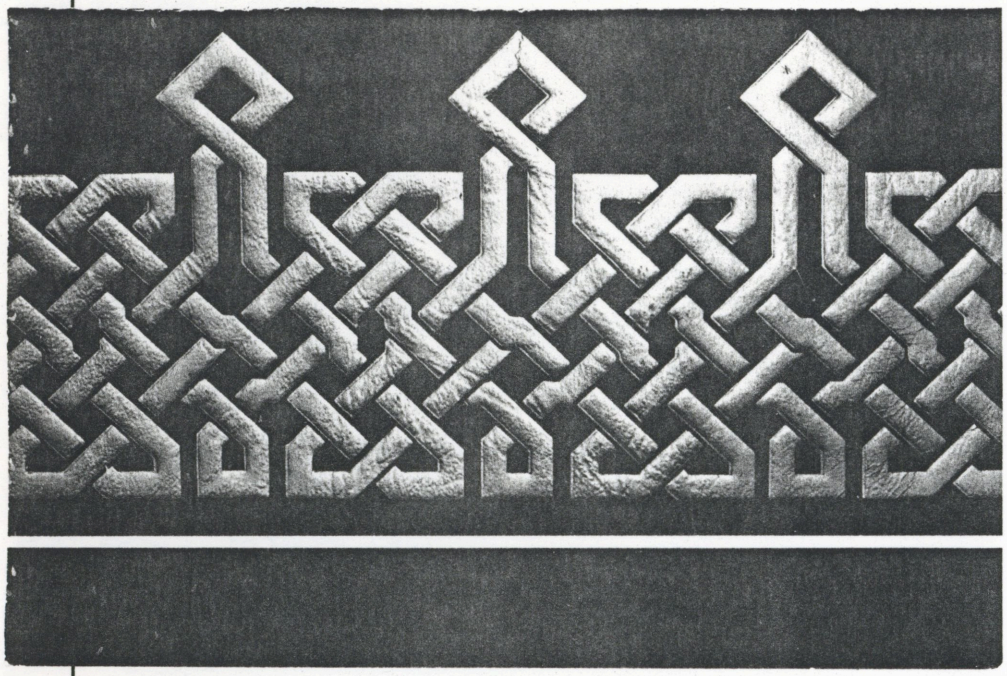
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	TRADITIONAL / LOCAL CULTURE DISPLAY. EXHIBITION ROOM 2.
FUNCTION	PROVIDE SPACE FOR FAMOUS TRADITIONAL CRAFTSMANSHIP - WOODCARVING.
QUANTITY	ONE
AREA REQ'D	2000 ㎡
RELATED	TO OTHER DISPLAY SPACES.
EQUIPMENT	DISPLAY EQUIPMENT.



"WOOD-CARVING"

• WOOD-CARVING IS ANOTHER ANCIENT CRAFT IN MALAYSIA. IN THE EARLY DAYS, CRAFTSMEN WERE COMMISSIONED BY ROYALTY AND NOBILITY TO DECORATE THE INTERIORS OF PALACES AND IMPORTANT BUILDINGS WITH INTRICATE CARVINGS. THE CARVINGS WERE MADE ON THE SUPPORTS, BEAMS AND RAFTERS OF BUILDINGS, AS WELL AS BALUSTRADES, DOORWAYS AND WINDOW SHUTTERS. MALAYSIAN WOOD-CARVINGS REVEAL POPULAR MOTIFS OF LEAVES, FLOWERS AND ALSO BRANCHES. ❀

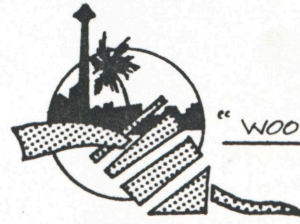








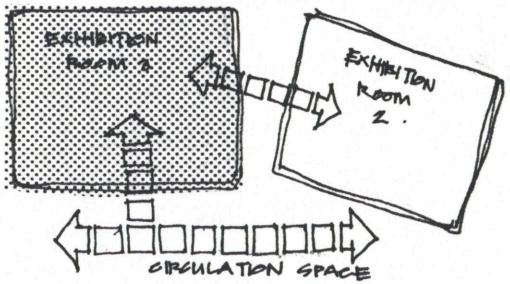




"WOOD CARVING"

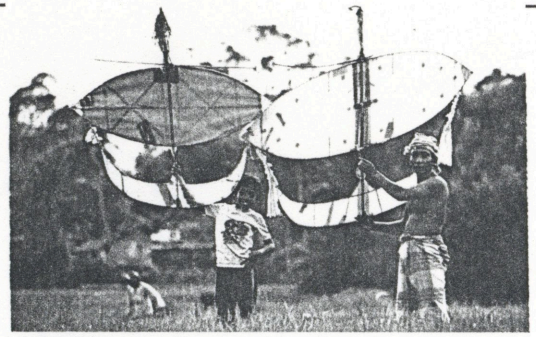
P.R.O.G.R.A.M

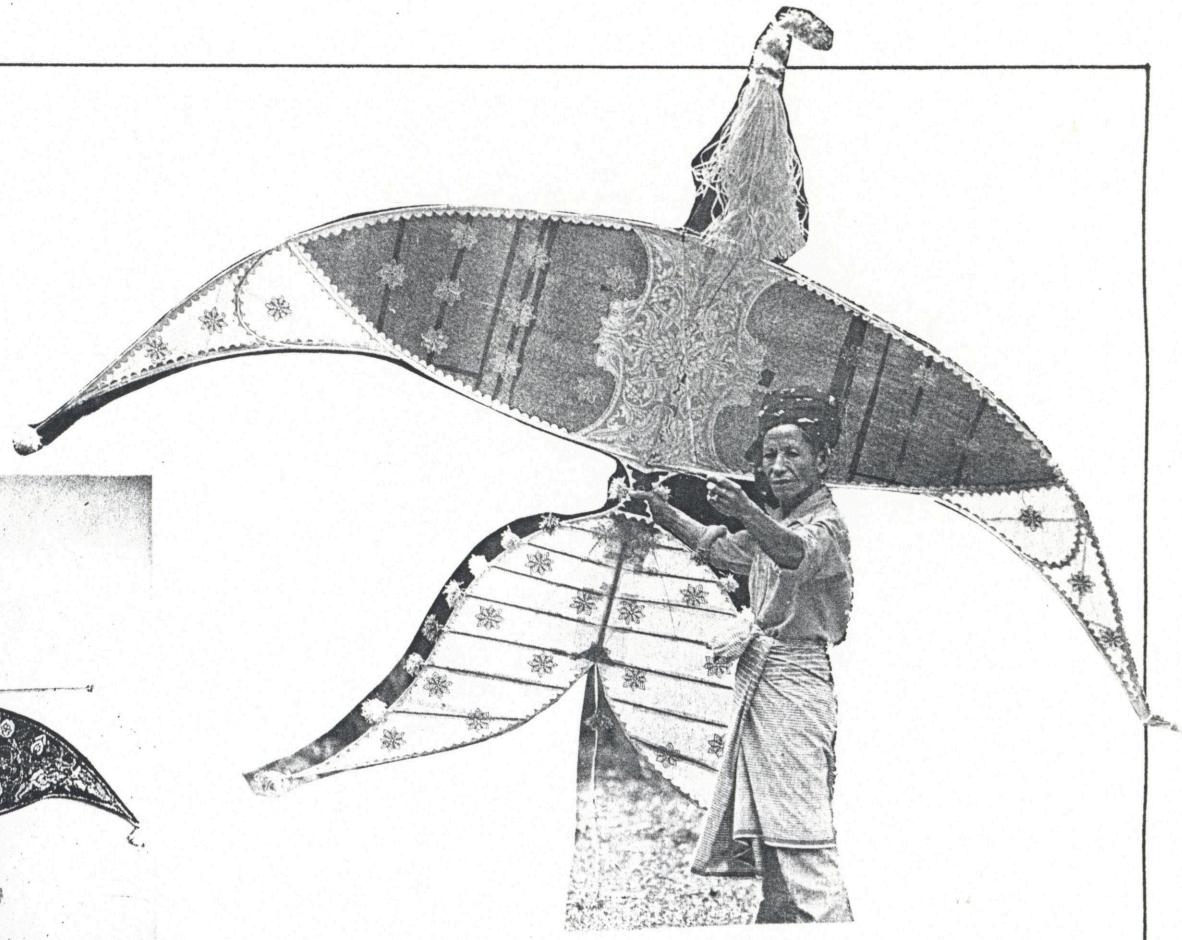
ZONE	PUBLIC SPACE.
SPACE	TRADITIONAL / LOCAL CULTURE DISPLAY.
	EXHIBITION ROOM 3
FUNCTION	PROVIDE SPACE FOR TRADITIONAL
	PASTIME SPORTS. AMONG THE POPULAR
	SPORTS ARE KITE-FLYING (WAU) AND
	TOP-SPINNING (GASING)
QUANTITY	ONE.
AREA REQ'D	2500 ㎡.
RELATED	TO OTHER DISPLAY SPACES.
EQUIPMENT	DISPLAY EQUIPMENT.

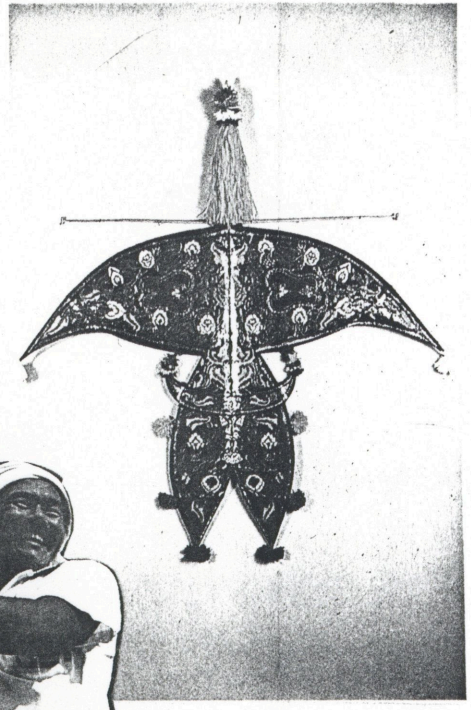


"WAU"

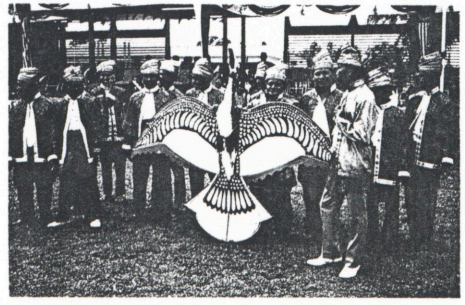
• KITE-FLYING HAS BEEN A FAVOURITE PASTIME AMONG THE VILLAGERS AS EARLY AS 1500 'WAU' OR KITES, COME IN ALL SHAPES AND COLORS. THEIR BAMBOO FRAMES DECORATED WITH COLORED PAPER. A BOW-SHAPED DEVICE IS ATTACHED TO THE KITE IN ORDER TO GIVE A HUMMING SOUND WHEN FLOWN. THERE ARE MANY TYPES OF 'WAU' AND IT IS ONLY THE SHAPE OF THE TAIL THAT DISTINGUISHES ONE TYPE OF 'WAU' FROM ANOTHER. THE MOST POPULAR IS THE 'WAU BULAN' OR THE MOON KITES, SO-CALLED BECAUSE ITS TAIL PIECE RESEMBLES THE CRESCENT. MEASURING ABOUT 3.5 METERS FROM HEAD TO TAIL, IT IS THE LARGEST KITE AROUND. THERE ARE OTHERS SUCH AS THE 'WAU KUCING' OR THE CAT KITE, 'WAU KATAK' OR FROG KITE AND 'WAU PUYOH' OR QUAIL KITE.

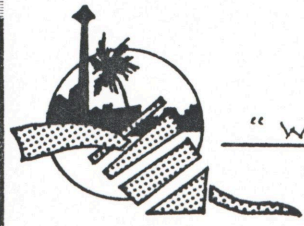








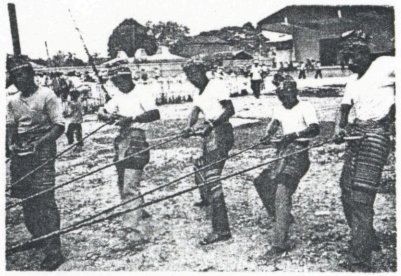




"WAU"

"GASING"

• GIANT TOP-SPINNING OR 'GASING' HAS COME A LONG-WAY IN MALAYSIA. THE 'GASING' ITSELF IS ABOUT THE SIZE OF A DINNER PLATE AND WEIGH UP TO 5.5 KG. THE GAME REQUIRES TWO SKILLED PLAYERS; ONE LAUNCHES THE GASING WHILE THE OTHER SCOOPS IT UP WITH A THIN WOODEN BAT AND THEN TRANSFERED ONTO A METAL RECEPTACLE ON A SHORT WOODEN POST. AN EXPERT TOP-SPINNER CAN BALANCED GASING SPIN FOR AS LONG AS TWO HOURS."[10]



Coiling the ropes for top-spinning





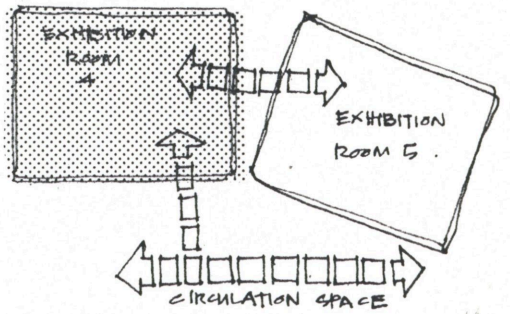




"GASING"

P.R.O.G.R.A.M

ZONE	PUBLIC SPACE .
SPACE	TRADITIONAL / LOCAL CULTURE DISPLAY
	EXHIBITION ROOM 4
FUNCTION	PROVIDE SPACE FOR TRADITIONAL
	ART ART FORMS OR MUSIC . AMONG
	THE POPULAR ART FORMS IS 'SILAT'
	AND FOR MUSIC IS 'REBANA' .
QUANTITY	ONE
AREA REQ'D	2500 □ .
RELATED	TO OTHER DISPLAY RMS .
EQUIPMENT	DISPLAY EQUIPMENT .



"SILAT"

· THE MALAY ART OF SELF-DEFENSE IS HIGHLY STYLISED PERFORMANCE · THE WORD `SILAT' IS APPLIED TO THE VARIOUS SEQUENCES OF GRACEFUL DEMONSTRATION OF HOW ONE MAY DEFEND ONE SELF WITHOUT WEAPONS · THE SILAT IS OFTEN STAGED AT WEDDINGS WHERE THE SILAT EXPERT ENTERTAINS THE AUDIENCE WITH HIS HIGHLY PRACTISED ROUTINE OF SPARRING AND KICKING ."





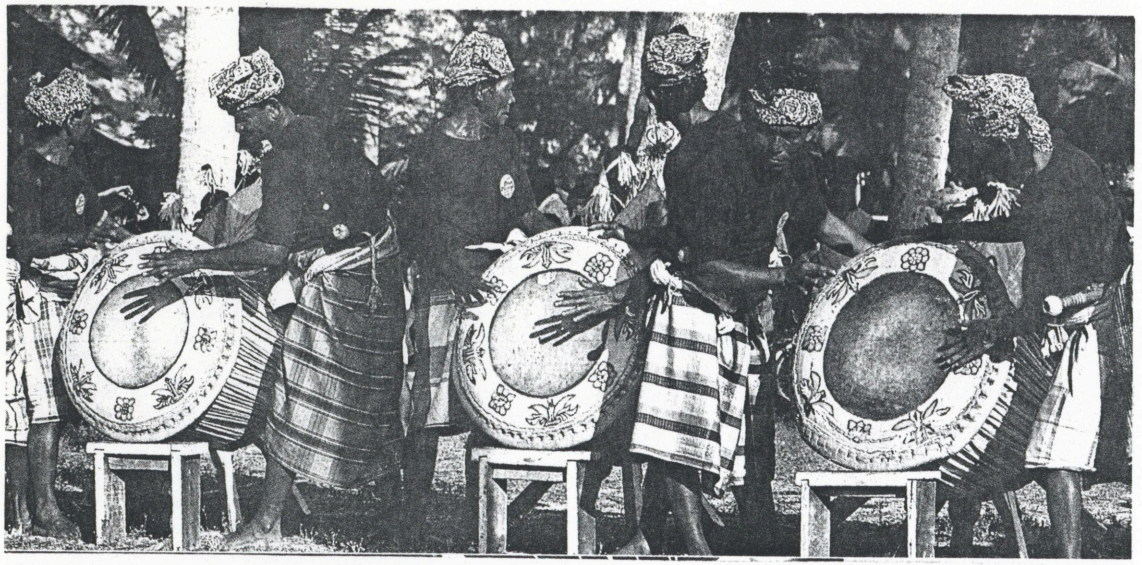


Youths performing the art of 'silat'

"SILAT"

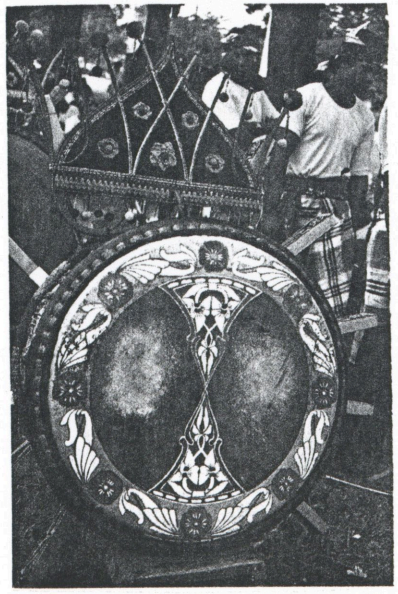
"REBANA"

• THE REBANA OR DRUM IS MADE FROM A HOLLOWED-OUT LOG OF ABOUT 0.6 METRE IN DIAMETER. IT IS AN IMPORTANT TRADITIONAL MALAY MUSICAL INSTRUMENT, USED NOT ONLY AS ACCOMPANIMENT DURING VARIOUS CEREMONIAL RITES, BUT ALSO FOR RECREATION AND COMPETITIONS. AT THE END OF EACH HARVESTING SEASON, VILLAGERS CHALLENGE EACH OTHER IN THE ART OF DRUM-BEATING. THE JUDGES AWARD POINTS ON THE TIMING, RHYTHM AND STYLE OF THE PLAYER AS WELL AS THE TONE OF THE REBANA. ON SUCH AN OCCASION, THE ROLL OF THE REBANA MAY BE HEARD ALL DAY.[12]





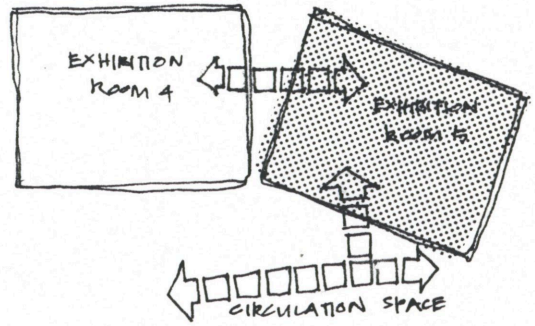




"REBANA"

P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	TRADITIONAL / LOCAL CULTURE DISPLAY.
	EXHIBITION ROOM 5.
FUNCTION	PROVIDE SPACE FOR TRADITIONAL
	COSTUMES. AMONG THE POPULAR
	COSTUMES WORN BY THE LADIES
	ARE BAJU KURUNG AND SARUNG KEBAYA
	(MALAYS), CHEONGSAM (CHINESE) AND SAREE (INDIANS)
QUANTITY	ONE
AREA REQ'D	2500 ☐.
RELATED	TO OTHER DISPLAY RMS.
EQUIPMENT	DISPLAY EQUIPMENT.



"COSTUMES"

• SARUNG KEBAYA :

ALSO KNOWN AS "KEBAYA MODERN". THIS IS A TWO PIECE SLIM FITTING DRESS BASED ON THE USUAL FEATURES OF MALAY COSTUME. COMPRISES A TUNIC TOP AND A 'SARUNG' - AN ANKLE-LENGTH SKIRT, TIED AROUND THE WAIST WITH GATHERS PLACED ON ONE SIDE. THE COSTUME USUALLY MADE FROM COTTON FABRIC SUCH AS BATIK.

• BAJU KURUNG :

BAJU KURUNG IS THE MOST POPULAR COSTUMES WORN BY THE MALAYS. THE BAJU KURUNG TUNIC HAS A ROUND NECK WITH A SHORT SLIT IN FRONT AND SOMETIMES A 'TUDUNG' - WHICH IS LIKE A SHAWL IS WORN ON THE LEFT SHOULDER.

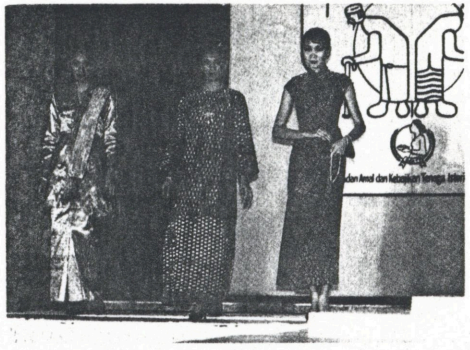
• CHEONGSAM :

CHEONGSAM IS ONE OF THE MOST COMMON CHINESE TRADITIONAL COSTUMES WORN BY A CHINESE LADIES. THE CHEONGSAM IS A TIGHT-FITTING SHEATH-LIKE ONE PIECE DRESS WITH A BUTTONED-UP HIGH COLLAR. USUALLY THE DRESS IS TAILORED ACCORDING TO THE CONTOURS OF THE BODY AND HAS HIGH THIGH-REVEALING SLITS ON BOTH SIDES.

• SAREE :

THIS COLORFUL, GRACEFUL FLOWING SAREE IS THE TRADITIONAL COSTUME OF THE INDIAN LADIES. THE SAREE IS ALSO A TWO PIECE DRESS. THE BLOUSE WHICH IS KNOWN AS THE 'CHOLI' IS TAILORED WHILE THE WRAP AROUND REQUIRES NO TAILORING. [13]





The kebaya, baju kurung & cheong-sam.



Hand-printed batik on silk made into glamorous sarung kebayas.

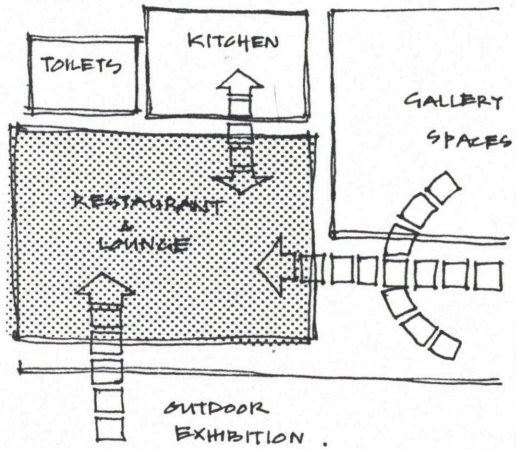


Indian ladies choosing materials for their sarees.



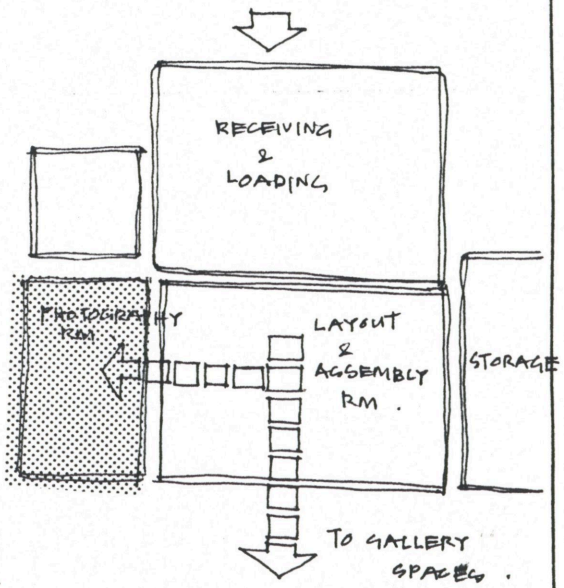
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	RESTAURANT AND LOUNGE
FUNCTION	PLACE TO BUY DRINKS, REFRESHMENT AREA, RELAXING SPACE FOR PUBLIC AND STAFF.
QUANTITY	ONE
AREA REQ'D	4500 ㎡
RELATED	TO CIRCULATION SPACE, OUTDOOR EXHIBITION SPACE.
EQUIPMENT	DESK & CHAIR(LOUNGE).



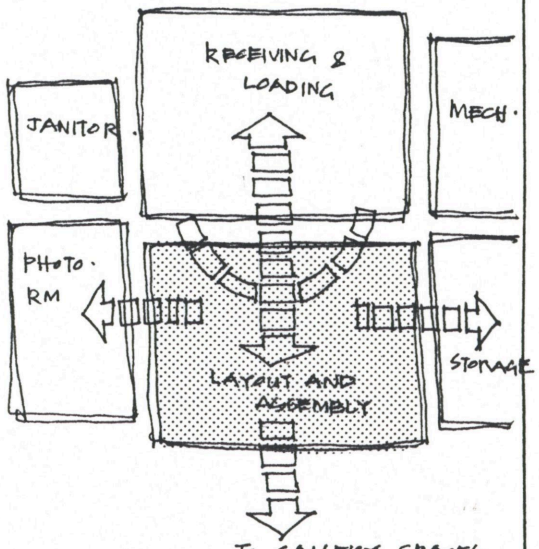
P.R.O.G.R.A.M

ZONE	SUPPORT FACILITIES SPACE .
SPACE	PHOTOGRAPHY ROOM
FUNCTION	PROVIDE SPACE FOR TAKING PICTURES ; FOR REFERENCES FOR MUSEUM .
QUANTITY	ONE
AREA REQ'D	400 ☐
RELATED	LAYOUT & ASSEMBLY RM , STORAGE .
EQUIPMENT	DARK ROOM , PHOTOGRAPHY EQUIPMENT .



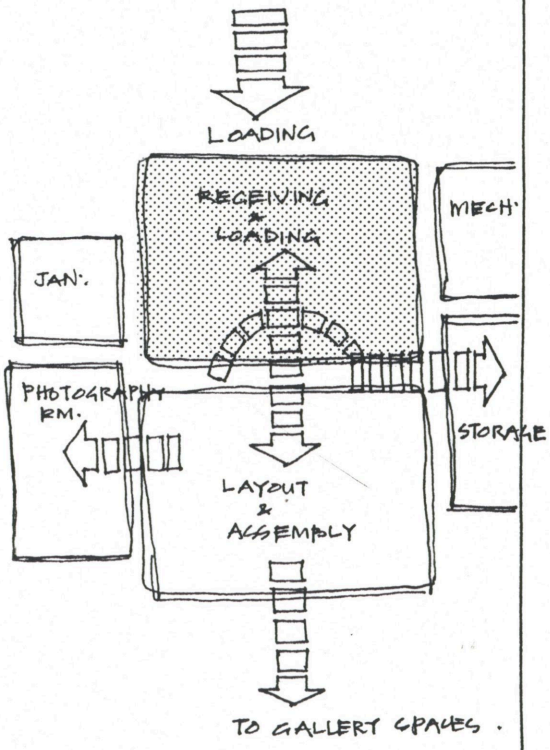
P.R.O.G.R.A.M

ZONE	SUPPORT FACILITY SPACE .
SPACE	LAYOUT AND ASSEMBLY ROOM
FUNCTION	REFINED WORK AND MATERIALS ~~FOR~~ IN PREPARATION OF EXHIBITS .
QUANTITY	ONE .
AREA REQ'D	1000 ☐
RELATED	RECEIVING AND LOADING , PHOTOGRAPHY RM , STORAGE .
EQUIPMENT	



P.R.O.G.R.A.M

ZONE	SUPPORT FACILITY SPACE .
SPACE	RECEIVING AND LOADING
FUNCTION	SPACE FOR INSPECTION OF COMING AND INCOMING EXHIBITS , AND FINAL PACKING OF OUTGOING SHIPMENTS .
QUANTITY	ONE .
AREA REQ'D	1000 □
RELATED	LOADING PLATFORM , STORAGE , MECHANICAL , LAYOUT AND ASSEMBLY ROOM .
EQUIPMENT	NONE .



PERFORMING ARTS THEATER

P.R.O.G.R.A.M

SPACES	QUANTITY	SPATIAL REQUIREMENT
ENTRANCE FOYER	ONE	* 1500 S.F.
LOBBY	ONE	* 2500
LOUNGE	TWO	1000
PUBLIC TOILET (M&W)	TWO	1200
BOX OFFICE	TWO	160
DIRECTOR OFFICE	ONE	300
SECRETARY SPACE	ONE	200
CONFERENCE ROOM	ONE	600
RECEPTION AREA	ONE	75
AUDITORIUM	ONE	8000-10000
STAGE	ONE	1000-2000
DRESSING ROOMS	SIX	~~720~~ 1500
GREEN ROOMS	TWO	600
STAGE TOILET (M&W)	TWO	300
LIGHT EQUIPMENT BOOTH	ONE	350
SOUND EQUIPMENT BOOTH	ONE	350
PROJECTION BOOTH	ONE	250
SCENE STORAGE	ONE	1000
COSTUME STORAGE	TWO	600
REHERSIAL STUDIOS & STORAGE	TWO	1200

P.R.O.G.R.A.M

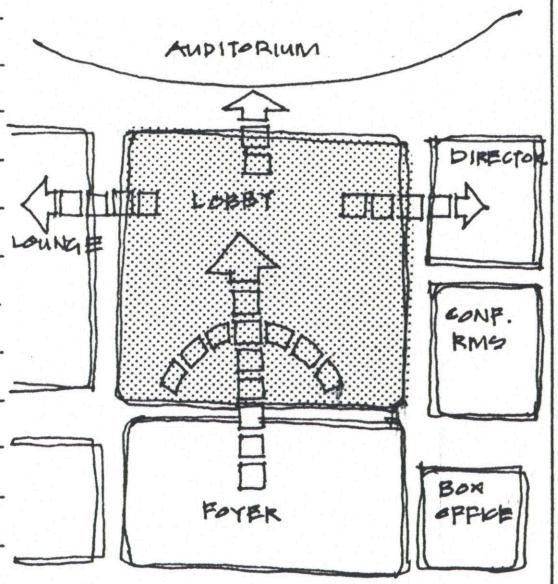
SUMMARY AREAS:

PUBLIC SPACES	6,410
MANAGERIAL SPACES	1,175
PERFORMANCE AND STAGE	18,545
SUBTOTAL :	26,130
CIRCULATION (20%) :	5,226
TOTAL :	31,356 S.F.

* TO BE DETERMINED AFTER SCHEMATIC DRAWING

P.R.O.G.R.A.M

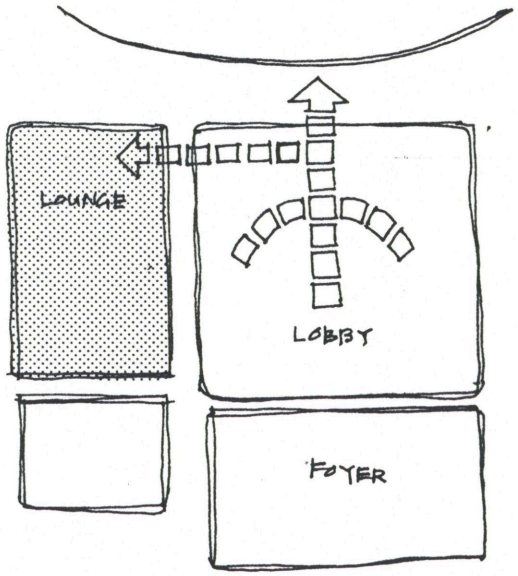
ZONE	PUBLIC SPACE
SPACE	LOBBY (PLAZA LEVEL)
FUNCTION	ENTRANCE SPACE LEADING TO ALL PUBLIC SPACES IN THE THEATER .
QUANTITY	ONE
AREA REQ'D	* 2500 ☐
RELATED	SHOPS , PUBLIC TOILET , LOUNGE , ELEVATOR AND AUDITORIUM .
EQUIPMENT	TWO WATER FOUNTAINS .



* TO BE DETERMINED AFTER SCHEMATIC DESIGN .

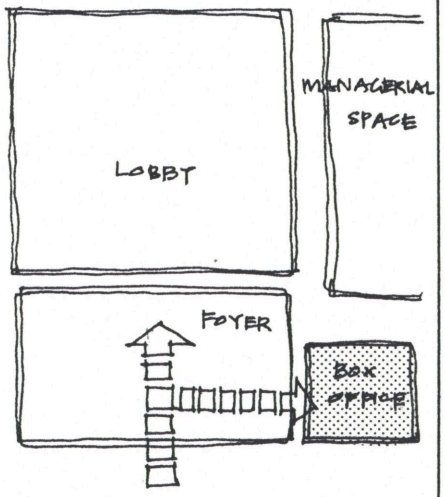
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	LOUNGE
FUNCTION	REFRESHMENT AREA, PLACE TO RELAX AND TO BUY LIQUID REFRESHMENT.
QUANTITY	ONE
AREA REQ'D	1000 ☐²
RELATED	LOBBY, SHOPS, AUDITORIUM.
EQUIPMENT	SOFAS AND COFFEE TABLES.



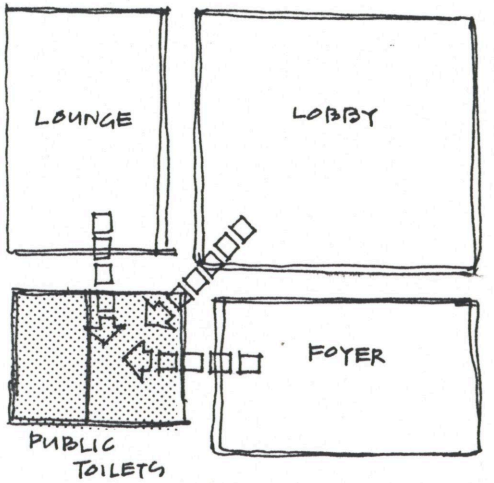
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	BOX OFFICE
FUNCTION	PLACE TO BUY A TICKET
QUANTITY	TWO
AREA REQ'D	160 ft
RELATED	TO PUBLIC SPACES, LOBBY, ETC.
EQUIPMENT	TICKET WINDOW AND COUNTER FOR TWO.



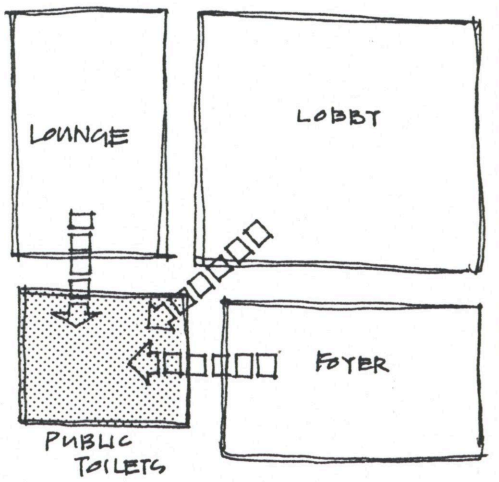
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	TOILET
FUNCTION	FOR WOMEN
QUANTITY	ONE
AREA REQ'D	750 ☐
RELATED	TO PUBLIC SPACES, LOBBY, ETC.
EQUIPMENT	TEN TOILETS AND LAVATORIES, AND SEATING FOR SIX IN A POWDER ROOM.



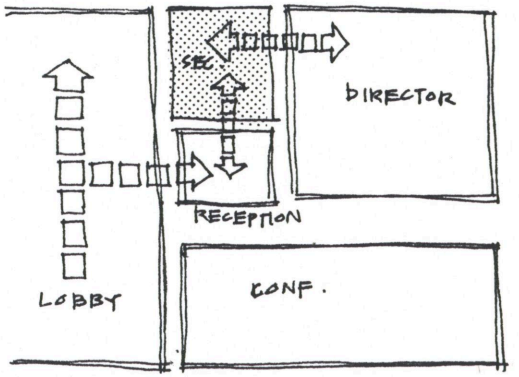
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	TOILET
FUNCTION	FOR MEN
QUANTITY	ONE
AREA REQ'D	500 ☐
RELATED	TO PUBLIC SPACES, LOBBY, ETC.
EQUIPMENT	FOUR TOILETS, EIGHT LAVATORIES AND SIX URINALS.



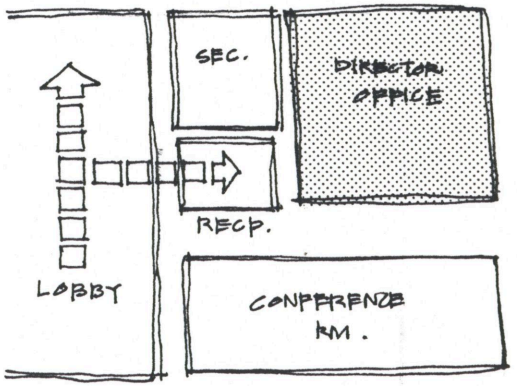
P.R.O.G.R.A.M

ZONE	MANAGERIAL SPACE
SPACE	SECRETARY
FUNCTION	SPACE FOR PAPER WORK DUTIES.
QUANTITY	ONE
AREA REQ'D	200 ☒
RELATED	DIRECTOR OFFICE AND WAITING AREA.
EQUIPMENT	DESK AND, SHELVES AND TWO CHAIRS.



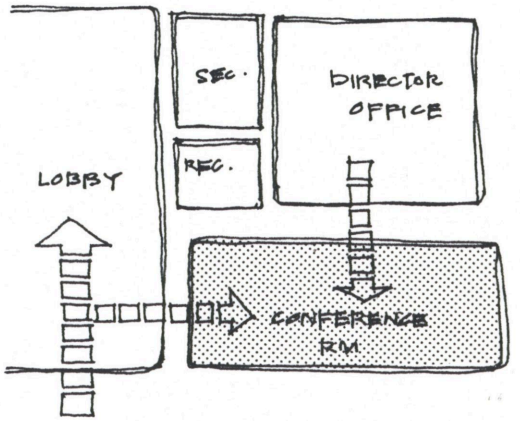
P.R.O.G.R.A.M

ZONE	MANAGERIAL SPACE
SPACE	DIRECTOR OFFICE
FUNCTION	PROVIDE MANAGEMENT AND WORKING SPACE MANAGERIAL STAFF .
QUANTITY	ONE
AREA REQ'D	300 ☐
RELATED	WAITING AREA , SECRETARY
EQUIPMENT	OFFICE DESKS , SHELVES AND TWO CHAIRS .



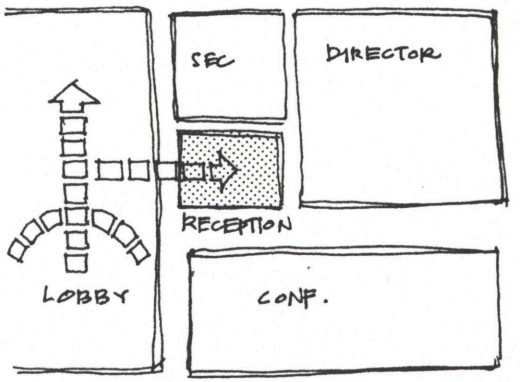
P.R.O.G.R.A.M

ZONE	MANAGERIAL SPACE
SPACE	CONFERENCE ROOM
FUNCTION	HOLD STAFF MEETING
QUANTITY	ONE
AREA REQ'D	600 ☐
RELATED	DIRECTOR OFFICE AND WAITING AREA
EQUIPMENT	ROUND DESK AND SEATING FOR TWENTY .



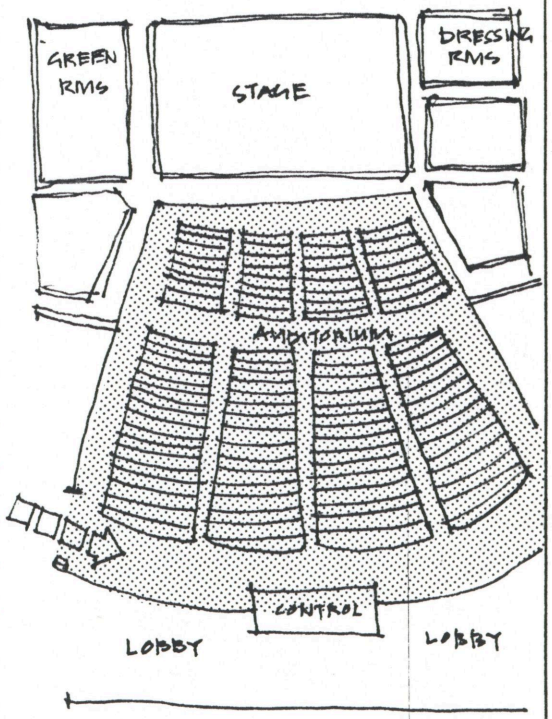
P.R.O.G.R.A.M

ZONE	MANAGERIAL SPACE
SPACE	RECEPTION AREA
FUNCTION	PUBLIC WAITING AREA
QUANTITY	ONE
AREA REQ'D	75 ☐
RELATED	DIRECTOR AND SECRETARY OFFICE .
EQUIPMENT	SOFAS .



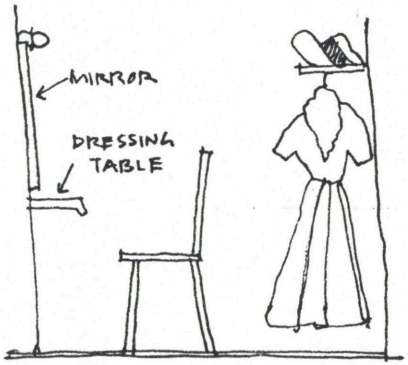
P.R.O.G.R.A.M

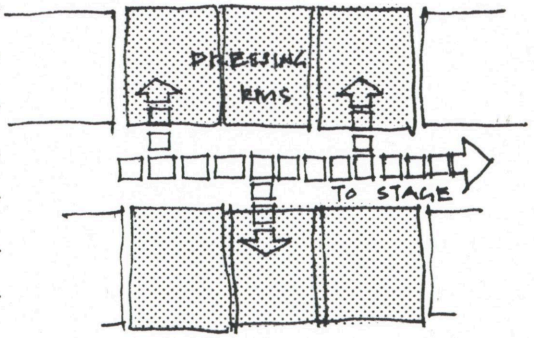
ZONE	PERFORMANCE AND STAGE .
SPACE	AUDITORIUM
FUNCTION	HOLD LARGE CAPACITY OF PEOPLE .
QUANTITY	ONE .
AREA REQ'D	8000 - 10000 ☐
RELATED	STAGE , DRESSING ROOM , LOBBY , ETC .
EQUIPMENT	SEATING FOR 2500 PEOPLE (MAX.)



P.R.O.G.R.A.M

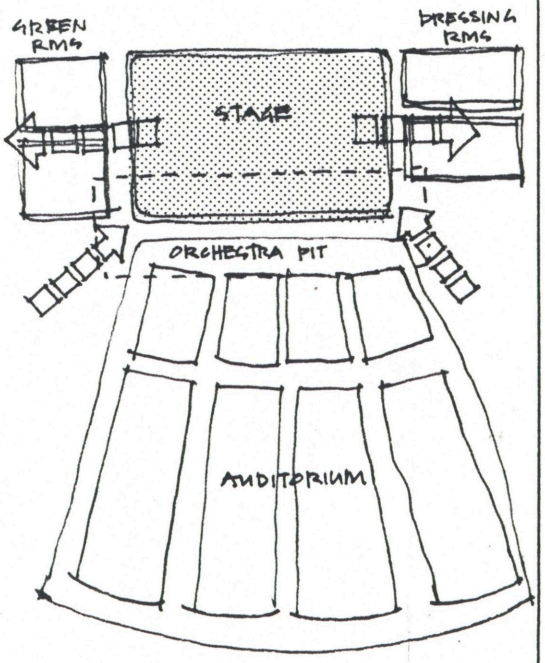
ZONE	PERFORMANCE AND STAGE .
SPACE	DRESSING ROOMS .
FUNCTION	SPACE TO CHANGE COSTUME .
QUANTITY	SIX
AREA REQ'D	720 ☒
RELATED	GREEN ROOMS .
EQUIPMENT	LOCKERS, SHELVES AND MIRROR .





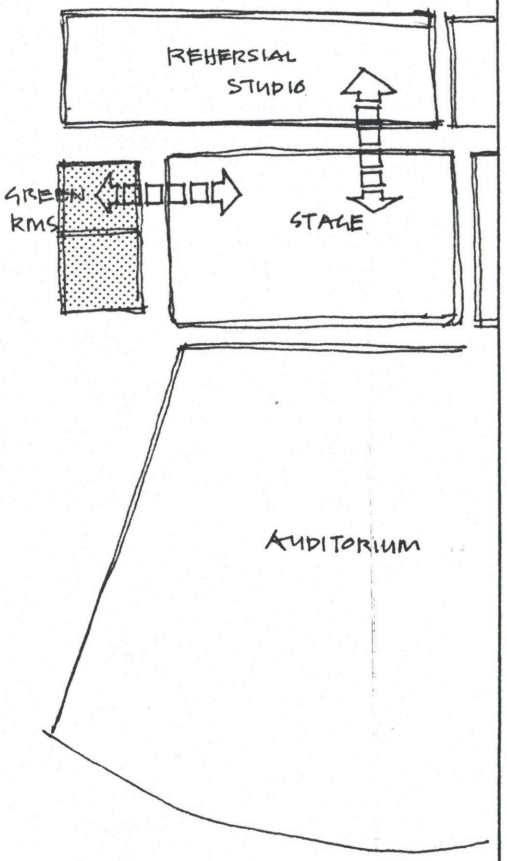
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE .
SPACE	STAGE
FUNCTION	PERFORMANCE SUCH AS TRADITIONAL MUSIC , ORCHESTRA , CONCERTS , ETC .
QUANTITY	ONE .
AREA REQ'D	1000 - 2000 ☒
RELATED	DRESSING ROOMS , GREEN ROOM , ETC .
EQUIPMENT	BACKDROPS AND CURTAIN , SPECIAL LIGHTS .



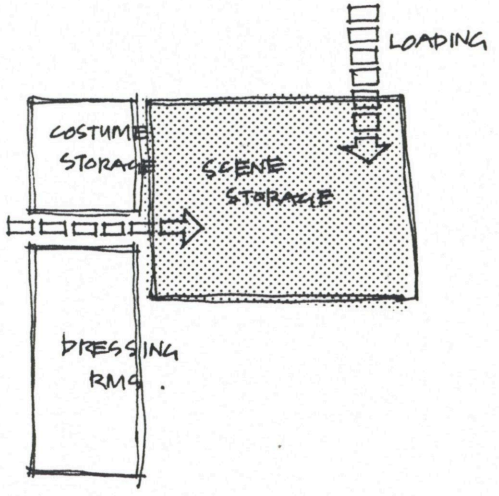
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE .
SPACE	GREEN ROOMS
FUNCTION	SPACE TO RELAX AND REST BETWEEN PERFORMANCE . DIRECTORS TALK TO CAST . ACTORS' SOCIAL ROOM
QUANTITY	TWO
AREA REQ'D	600 ☐
RELATED	DRESSING ROOMS AND STAGE .
EQUIPMENT	SOFAS , LOCKERS AND MIRROR .



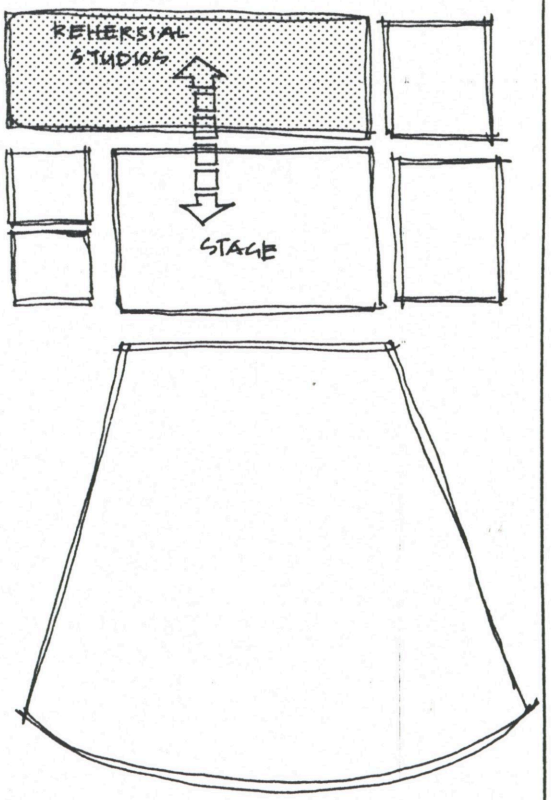
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE
SPACE	SCENE STORAGE
FUNCTION	STORAGE SPACE FOR SETS.
QUANTITY	ONE
AREA REQ'D	1000 □
RELATED	STAGE, AUDITORIUM
EQUIPMENT	SHELVES, 20' HIGH



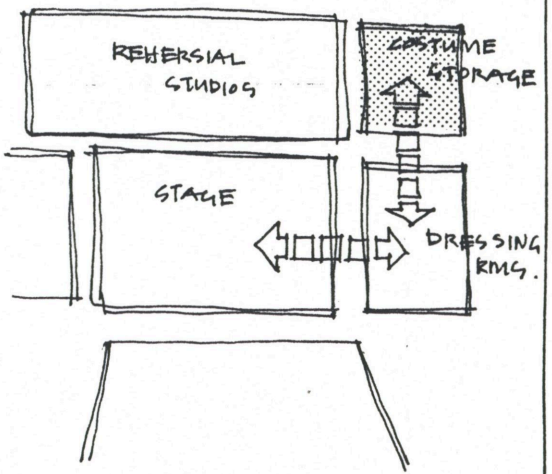
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE
SPACE	REHERSIAL STUDIOS
FUNCTION	SPACE FOR REHERSIAL BEFORE PERFORMANCE
QUANTITY	TWO
AREA REQ'D	1200 ☒
RELATED	STAGE AND DRESSING ROOMS
EQUIPMENT	MIRRORS .



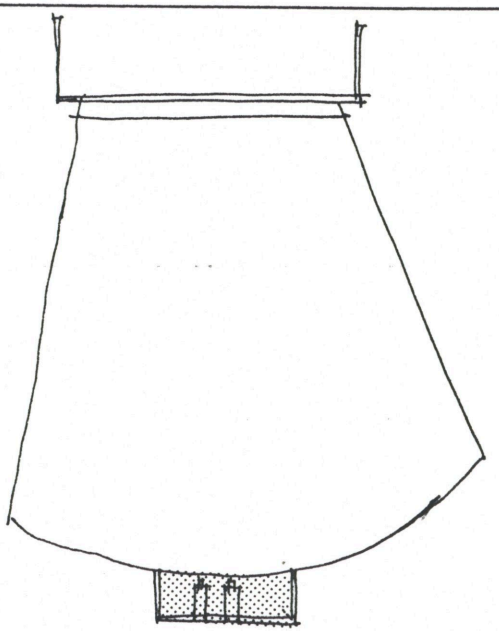
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE
SPACE	COSTUME STORAGE
FUNCTION	STORAGE SPACE FOR CHANGING COSTUME .
QUANTITY	TWO
AREA REQ'D	600 ☐
RELATED	STAGE , AUDITORIUM
EQUIPMENT	LOCKERS .

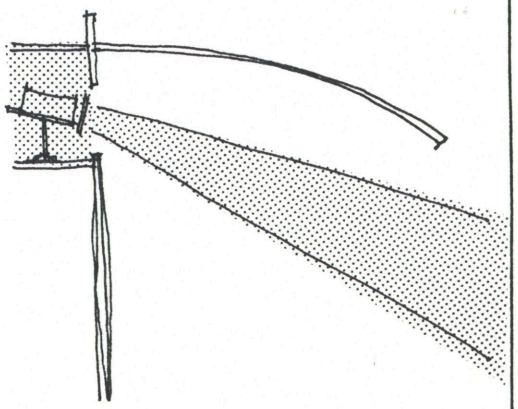


P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE
SPACE	PROJECTION BOOTH
FUNCTION	FOR AUDIOVISUAL PRESENTATION
QUANTITY	ONE
AREA REQ'D	250 □
RELATED	STAGE, AUDITORIUM
EQUIPMENT	PROJECTION SCREENING.

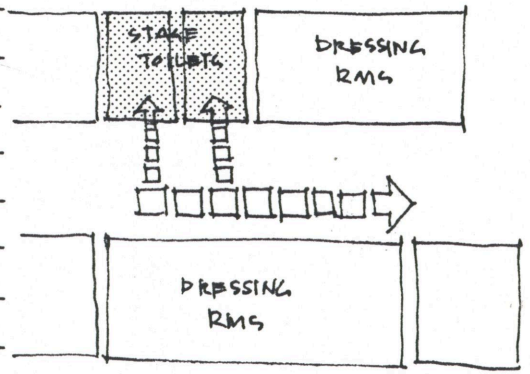


PROJECTION BOOTH



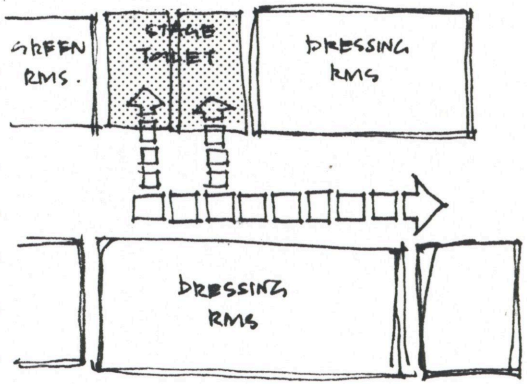
P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE .
SPACE	TOILET
FUNCTION	STAGE TOILET FOR MEN .
QUANTITY	ONE .
AREA REQ'D	150 ☒
RELATED	GREEN ROOMS . DRESSING ROOMS AND STAGE .
EQUIPMENT	TWO TOILETS , LAVATORIES AND URINALS .



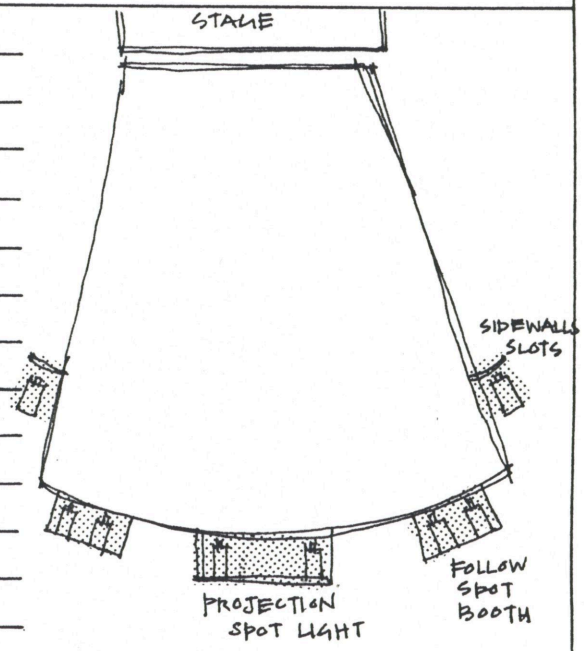
P.R.O.G.R.A.M

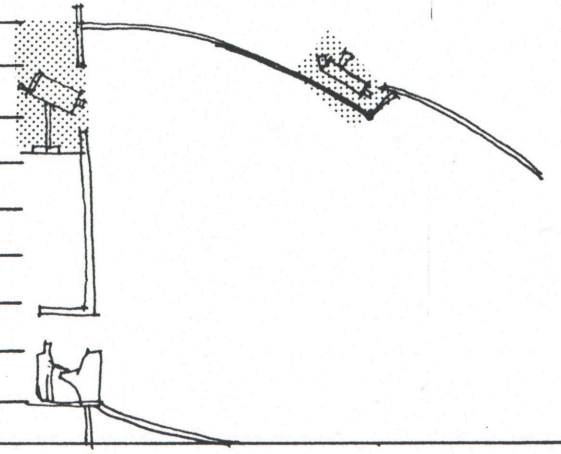
ZONE	PERFORMANCE AND STAGE .
SPACE	TOILET
FUNCTION	STAGE TOILET FOR WOMEN .
QUANTITY	ONE
AREA REQ'D	150 ☐
RELATED	DRESSING ROOMS , GREEN ROOMS AND STAGE .
EQUIPMENT	TWO TOILETS AND LAVATORIES .



P.R.O.G.R.A.M

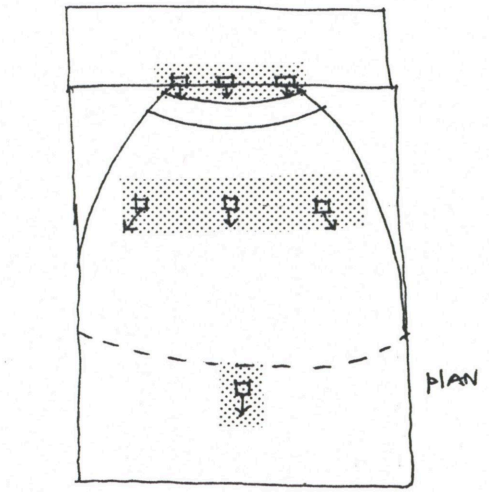
ZONE	PERFORMANCE AND STAGE .
SPACE	LIGHT EQUIPMENT BOOTH
FUNCTION	SPACES FOR STORAGE AND FABRICATION OF LIGHT EQUIPMENT .
QUANTITY	ONE
AREA REQ'D	350 □
RELATED	STAGE , AUDITORIUM
EQUIPMENT	LIGHTING EQUIPMENT .



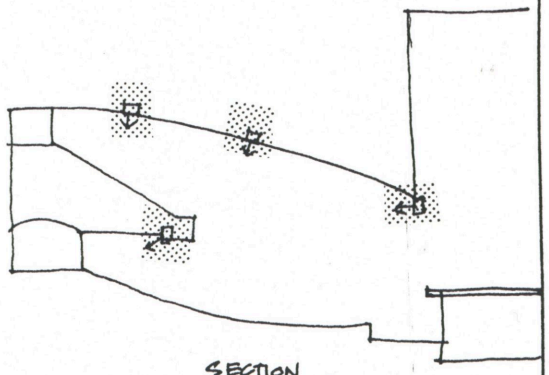


P.R.O.G.R.A.M

ZONE	PERFORMANCE AND STAGE
SPACE	SOUND EQUIPMENT BOOTH
FUNCTION	SPACES FOR STORAGE AND FABRICATION OF SOUND EQUIPMENT.
QUANTITY	ONE
AREA REQ'D	350 □
RELATED	STAGE, AUDITORIUM
EQUIPMENT	SOUND EQUIPMENT.



LOUDSPEAKER MOUNTING POSITION



SECTION.

LIBRARY AND ADMINISTRATION

SPACES	SEATING	BOOKS	SPATIAL REQUIREMENT
LOBBY			1000 S.F.
CLOAKROOM			250
CIRCULATION DEPARTMENT			535
CIRCULATION OFFICE			200
CARD CATALOG			750
BIBILIOGRAPHY COLLECTION			1000
PERIODICAL AND NEWSPAPER	15	4,800	400
BROWSING AND NEW BOOK	23	7,200	600
TECHNICAL SERVICES AREA			1000
RARE BOOK COLLECTION	30		800
GENERAL STACKS		240,000	20,000
GENERAL READING AREA	400		10,500
SEMINAR ROOMS			600
AUDIO VISUAL ROOM			750
NIGHT STUDY AREA	38		1000
DIRECTOR AND SECRETARY			450
LIBRARIANS AND STAFF ROOM			600
STAFF LOUNGE & TOILET			500
RECEIVING AND SHIPPING ROOM			500
VAULT AND FIREPROOF STORAGE			300

P.R.O.G.R.A.M

P.R.O.G.R.A.M

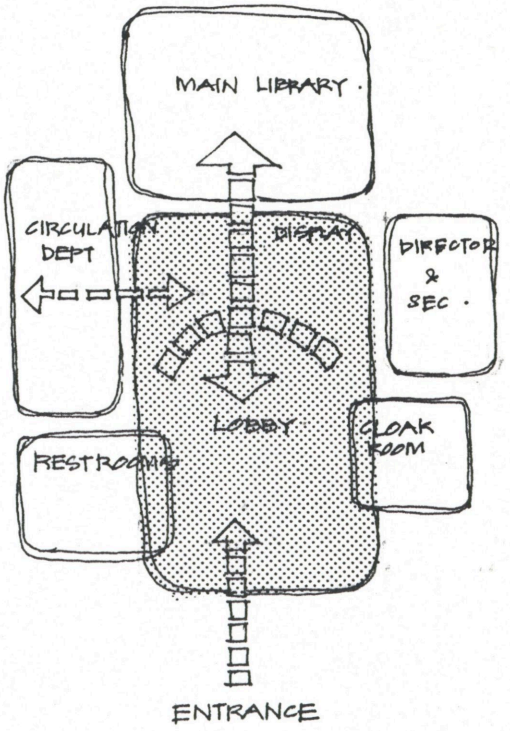
SPACES	SPATIAL REQUIREMENT
PERIODICALS WORKROOM	200 S.F.
MAIL DROP	50
MECHANICAL ROOM	1000
SUPERINTENDENT'S OFFICE	150
JANITORS' CLOSETS (1 PER FLOOR)	100
TOILET ROOMS (M & W ON EACH FLOOR)	600
ELEVATOR, STAIRWELLS (ON EACH FLOOR)	400

SUMMARY AREAS:

PUBLIC SPACES	37,435 S.F.
STAFF SPACES	3,125
SERVICE SPACES	3,100
SUBTOTAL :	43,660
CIRCULATION (20%):	8,732
TOTAL :	52,392 S.F.

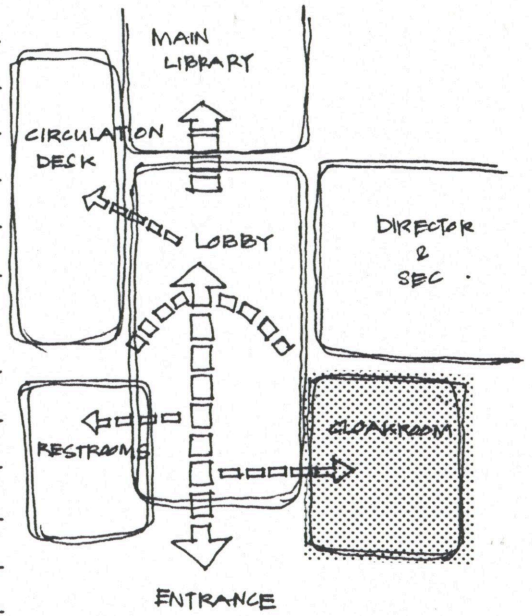
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	MAIN LOBBY
FUNCTION	ORIENTATION SPACE ; LEADING TO ALL PUBLIC SPACES IN THE LIBRARY . CIRCULATION AND DISPLAY SPACE .
QUANTITY	ONE
AREA REQ'D	*
RELATED	CIRCULATION DESK , LOUNGE , READING AREAS , ETC .
EQUIPMENT	WATER FOUNTAINS .
	* TO BE DETERMINED AFTER SCHEMATIC DESIGN .



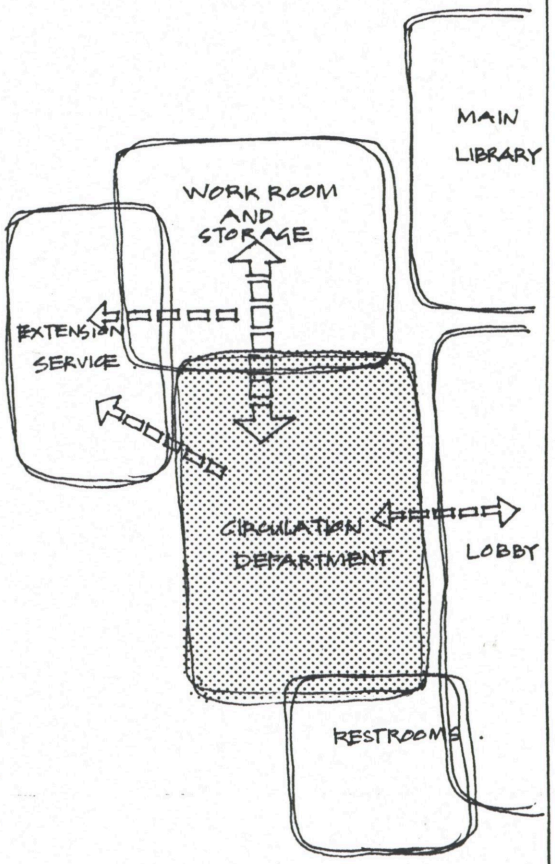
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE .
SPACE	CLOAKROOM
FUNCTION	DEPOSIT OF OUTER GARMENTS .
QUANTITY	ONE .
AREA REQ'D	250 ☐
RELATED	RESTROOMS, LOBBY .
EQUIPMENT	NONE .



P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	CIRCULATION DEPARTMENT .
FUNCTION	DESK / COUNTERS WHERE LOAN , RETURN OF BOOKS AND REFERENCE HELP IN LOCATING AND USING LIBRARY MATERIALS
QUANTITY	ONE
AREA REQ'D	* (535 S.F)
RELATED	GROUND FLOOR . MAIN LOBBY , OFFICE , PUBLIC CARD CATALOG .
EQUIPMENT	LOW SHELVING AND VERTICAL FILES . PHONE .
	* TO BE DETERMINED AFTER SCHEMATIC DESIGN .

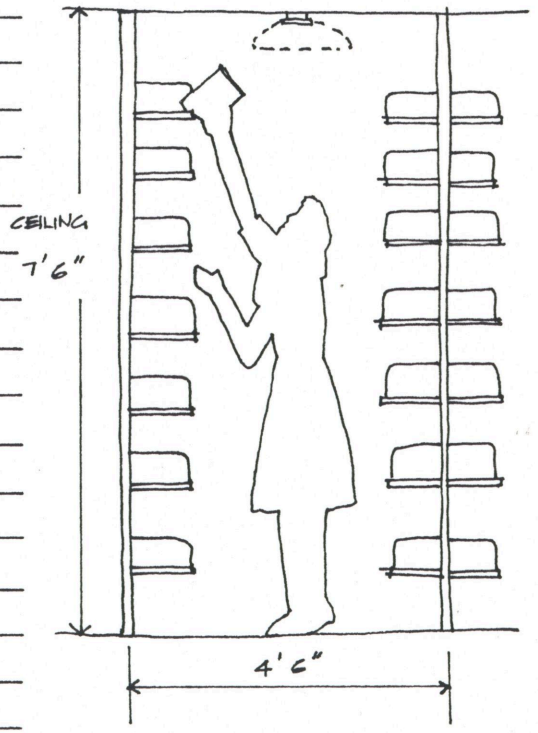


P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	GENERAL READING AREA
FUNCTION	SEATING FOR ± 400 PEOPLE.
QUANTITY	ONE.
AREA REQ'D	10,500 SF
RELATED	REFERENCE, CARD CATALOG, PERIODICALS.
EQUIPMENT	CHAIRS AND TABLES.

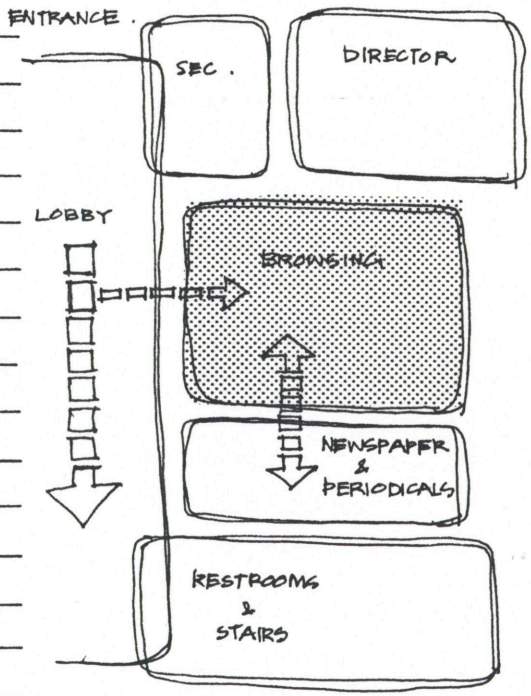
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	GENERAL STACKS AREA
FUNCTION	FURNISH READING MATERIAL FOR USE OF PUBLIC .
QUANTITY	FOR ≈ 240,000 BOOKS .
AREA REQ'D	20,000 ☐
RELATED	REFERENCE , CARD CATALOG , PERIODICALS .
EQUIPMENT	SHELVES FOR 240,000 BOOKS



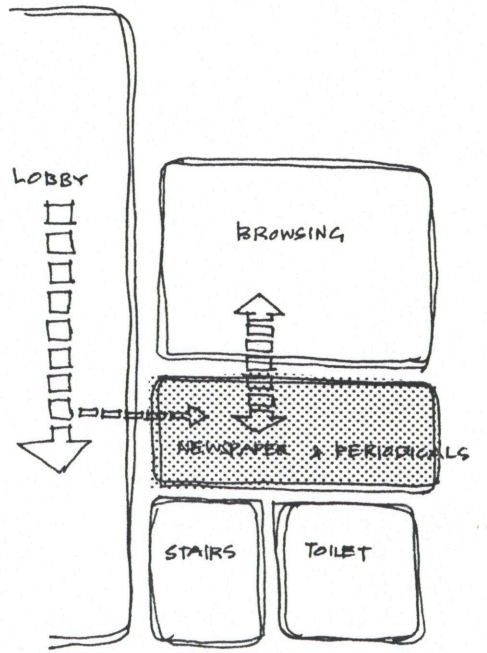
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	ADULT BROWSING AND NEW BOOK .
FUNCTION	RELAXING AREA FOR READING NEWSPAPER , PERIODICALS ; SMOKING LOUNGE .
QUANTITY	ONE .
AREA REQ'D	600 ☐ .
RELATED	PERIODICAL AND NEWSPAPER , RESTROOMS , MAIN CIRCULATION .
EQUIPMENT	LOUNGE AND TABLES .



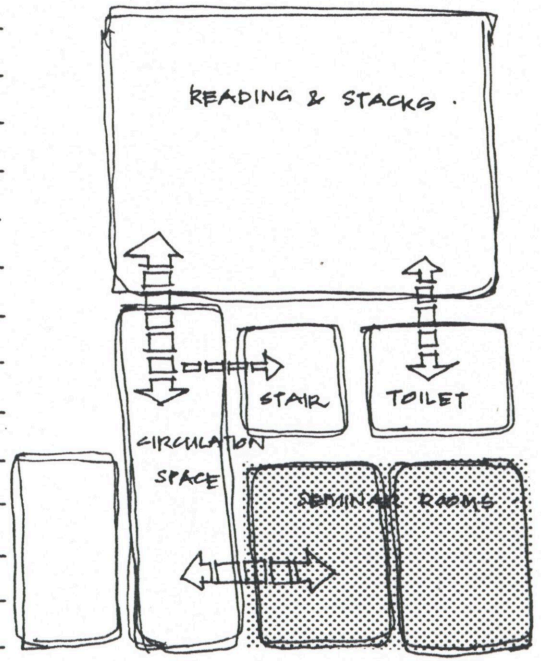
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	PERIODICAL AND NEWSPAPER
FUNCTION	RELAXING AREAS FOR READING PERIODICALS AND NEWSPAPER
QUANTITY	ONE
AREA REQ'D	400 ft
RELATED	BROWSING AND NEW BOOK , LOBBY ,
EQUIPMENT	LOUNGE .



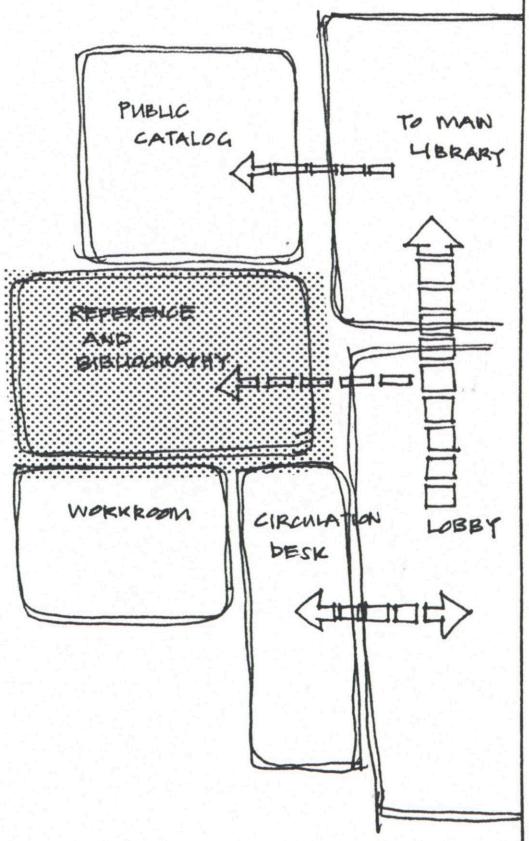
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE .
SPACE	SEMINAR ROOMS .
FUNCTION	MEETING AREA FOR DIFFERENT GROUPS AND ORGANIZATIONS .
QUANTITY	TWO .
AREA REQ'D	600 ☐ .
RELATED	CIRCULATION SPACE , STAFF LOUNGE .
EQUIPMENT	ROUND TABLE AND CHAIRS .



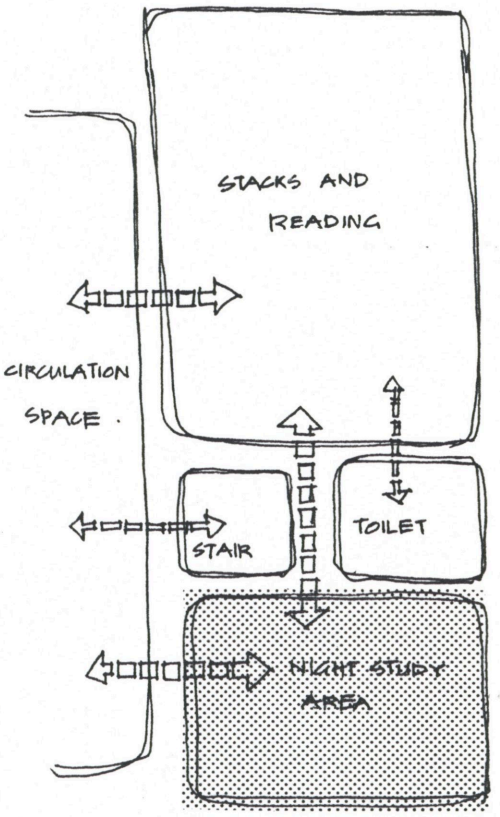
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	REFERENCE AND BIBLIOGRAPHY ROOM
FUNCTION	PROVIDE INFORMATION AND LIST OF BOOKS IN THE LIBRARY .
QUANTITY	ONE
AREA REQ'D	1000 ☐
RELATED	CIRCULATION DESK , PUBLIC CATALOG , MAIN LOBBY .
EQUIPMENT	SHELVES .



P.R.O.G.R.A.M

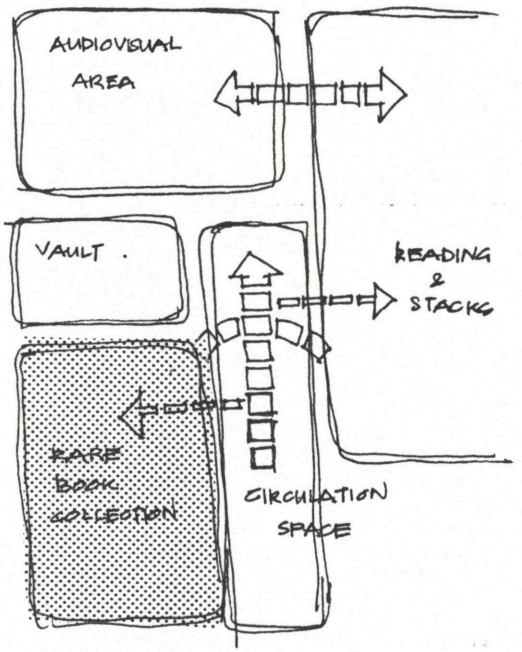
ZONE	PUBLIC SPACE
SPACE	NIGHT STUDY AREA
FUNCTION	PROVIDE SPACE FOR QUIET NIGHT STUDY .
QUANTITY	ONE .
AREA REQ'D	1000 ☐ .
RELATED	CIRCULATION SPACE , STACKS AND READING AREA .
EQUIPMENT	CHAIRS AND TABLES .



MAIN FLOOR .

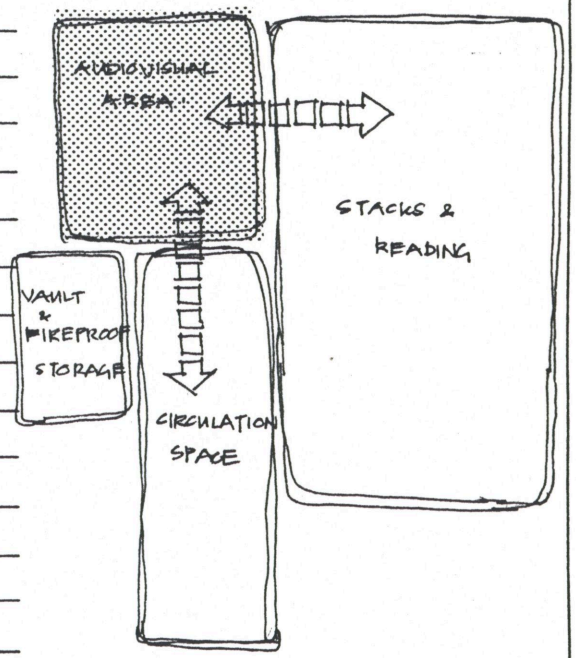
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE
SPACE	RARE BOOK ROOM
FUNCTION	COLLECTION OF RARE BOOKS .
QUANTITY	ONE
AREA REQ'D	800 ☐
RELATED	CIRCULATION SPACE, STACK & READING AREA.
EQUIPMENT	SHELVES .



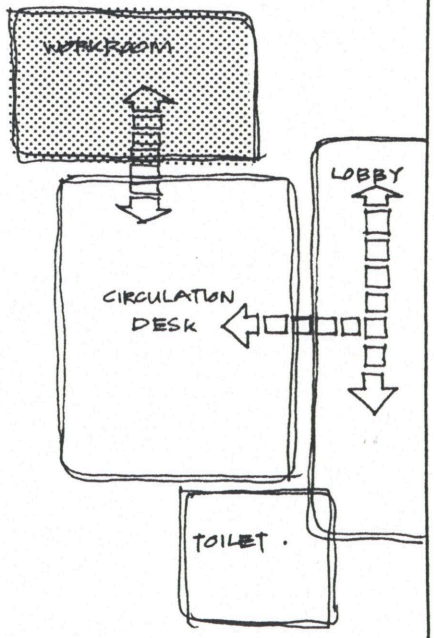
P.R.O.G.R.A.M

ZONE	PUBLIC SPACE .
SPACE	AUDIO VISUAL AREA
FUNCTION	PROVIDE ALL AUDIOVISUAL EQUIPMENT AND MATERIALS .
QUANTITY	ONE
AREA REQ'D	750 ☐ .
RELATED	STACKS & READING , CIRCULATION SPACE .
EQUIPMENT	AUDIOVISUAL EQUIPMENT , CHAIRS & TABLES .



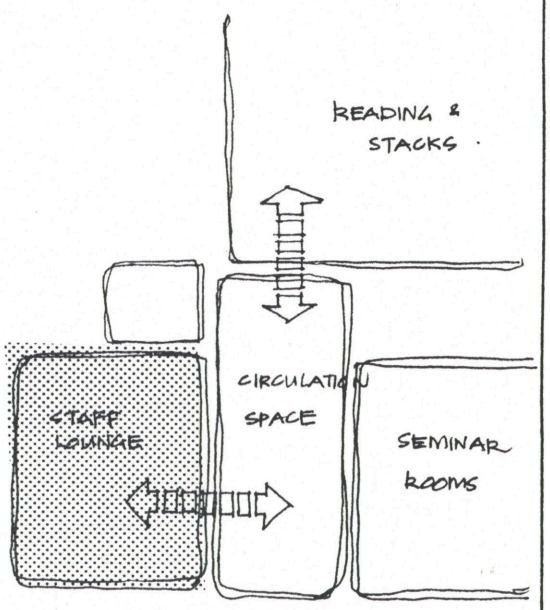
P.R.O.G.R.A.M

ZONE	STAFF SPACE
SPACE	WORKROOM
FUNCTION	SHIPPING AND OTHER ROUTINE MATTERS TAKE PLACE .
QUANTITY	ONE
AREA REQ'D	200 ☒ .
RELATED	CIRCULATION DESK .
EQUIPMENT	SHELVES , DRAWER FILES ,



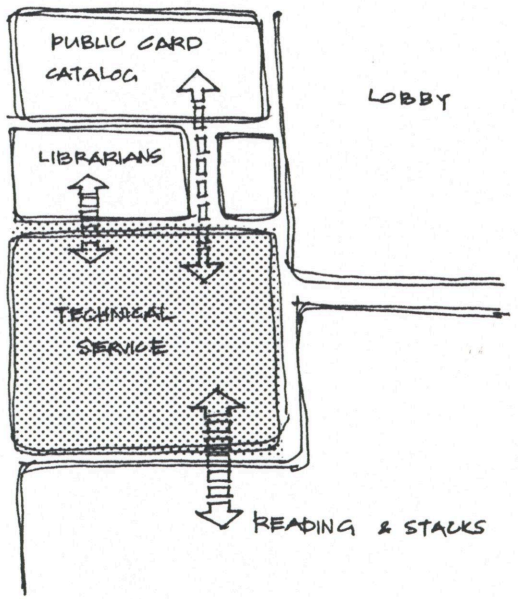
P.R.O.G.R.A.M

ZONE	STAFF SPACE .
SPACE	STAFF LOUNGE & TOILET
FUNCTION	RELAXING AREAS FOR LIBRARIANS ; SMOKING LOUNGE .
QUANTITY	ONE .
AREA REQ'D	500 ☐ .
RELATED	CIRCULATION SPACE , SEMINAR ROOMS .
EQUIPMENT	LOUNGE , DESK & CHAIRS .

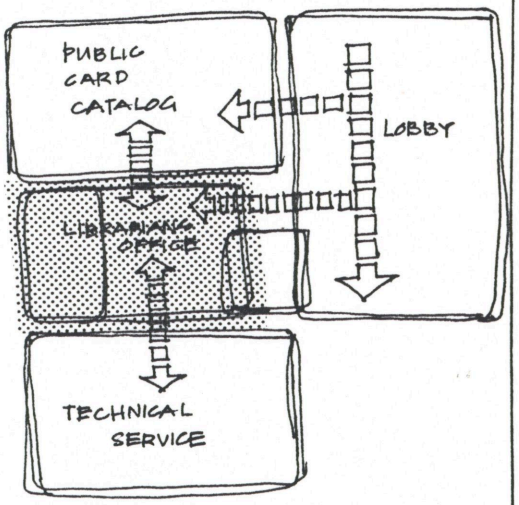


P.R.O.G.R.A.M

ZONE	STAFF SPACE
SPACE	TECHNICAL SERVICE AREA
FUNCTION	ORDERING, RECEIVING, EVALUATION, DISCARDING, OF BOOKS.
QUANTITY	ONE.
AREA REQ'D	1000 ☐
RELATED	LIBRARIAN OFFICE, MAIN LOBBY,
EQUIPMENT	SHELVES, DRAWER FILES, STORAGE



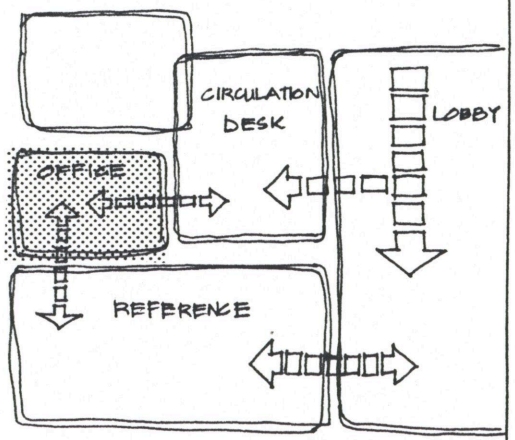
ZONE	STAFF SPACE
SPACE	LIBRARIAN AND SEC. OFFICE.
FUNCTION	PROVIDE OFFICE SPACE FOR ASSISTANT LIBRARIANS, SECRETARY AND THE HEAD LIBRARIAN.
QUANTITY	ONE
AREA REQ'D	600 □
RELATED	MAIN LOBBY AND STAFF WORK AREA.
EQUIPMENT	SHELVES, CHAIRS & DESKS.



P.R.O.G.R.A.M

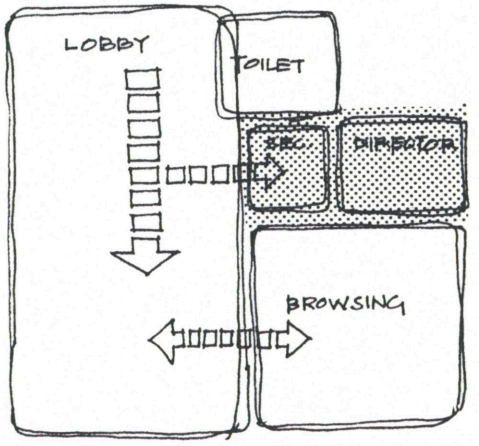
P.R.O.G.R.A.M

ZONE	STAFF SPACE
SPACE	CIRCULATION OFFICE
FUNCTION	SPACE FOR PEOPLE WAITING TO SEE LIBRARIAN OR ASSISTANT LIBRARIAN, SPACE FOR PERSONNEL AND FINANCIAL RECORDS, STORAGE OF FORMS, SUPPLIES, SORTING MAIL.
QUANTITY	ONE
AREA REQ'D	375 □
RELATED	TO MAIN LOBBY, CIRCULATION DESK, DIRECTOR.
EQUIPMENT	SHELVES, CHAIRS & DESK, STORAGE.



P.R.O.G.R.A.M

ZONE	STAFF SPACE .
SPACE	DIRECTOR AND SECRETARY
FUNCTION	PROVIDE LIBRARY MANAGEMENT
QUANTITY	ONE
AREA REQ'D	450 ☒
RELATED	MAIN LOBBY , BROWSING , CLOAKROOM .
EQUIPMENT	CHAIRS, DESKS AND SHELVES .



P.R.O.G.R.A.M

ZONE	SERVICE SPACE
SPACE	RECEIVING AND SHIPPING ROOM.
FUNCTION	RECEIVING AND SHIPPING ROOM FOR ALL MATERIALS COMING TO OR LEAVING THE LIBRARY; WORK AREAS FOR MINOR REPAIRS TO LIBRARY EQUIPMENT.
QUANTITY	ONE
AREA REQ'D	500 □
RELATED	MUST BE ON GROUND FLOOR WITH SEPARATE ENTRANCE AND LOADING PLATFORM
EQUIPMENT	STORAGE, WORK TABLE, DRAWER FILES, TOOL CABINET.

FESTIVAL PLAZA

FUNCTIONS / SERVE AS :

- OUTDOOR EATING AND SEATING AREA
- OUTDOOR SCULPTURE DISPLAY
- TRADITIONAL / LOCAL EXHIBITION

P . R . O . G . R . A . M

PARKING

PUBLIC PARKING : ~~60~~ 50 CARS

STAFF PARKING : 25 CARS

SCHOOL BUS : 10

TOTAL PARKING SPACE : 85

P.R.O.G.R.A.M



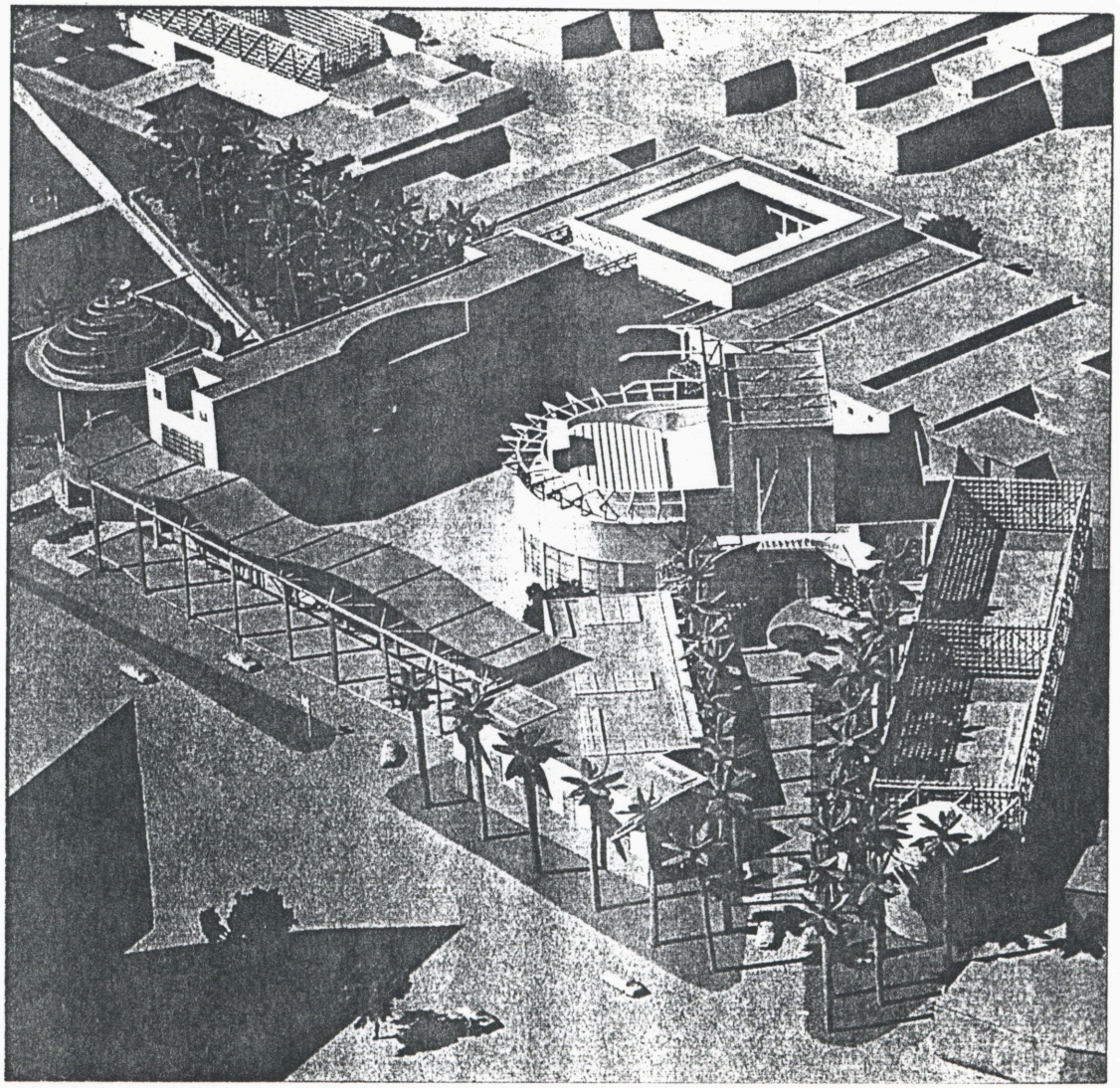
PERSONAL FEELINGS, IDEAS.....

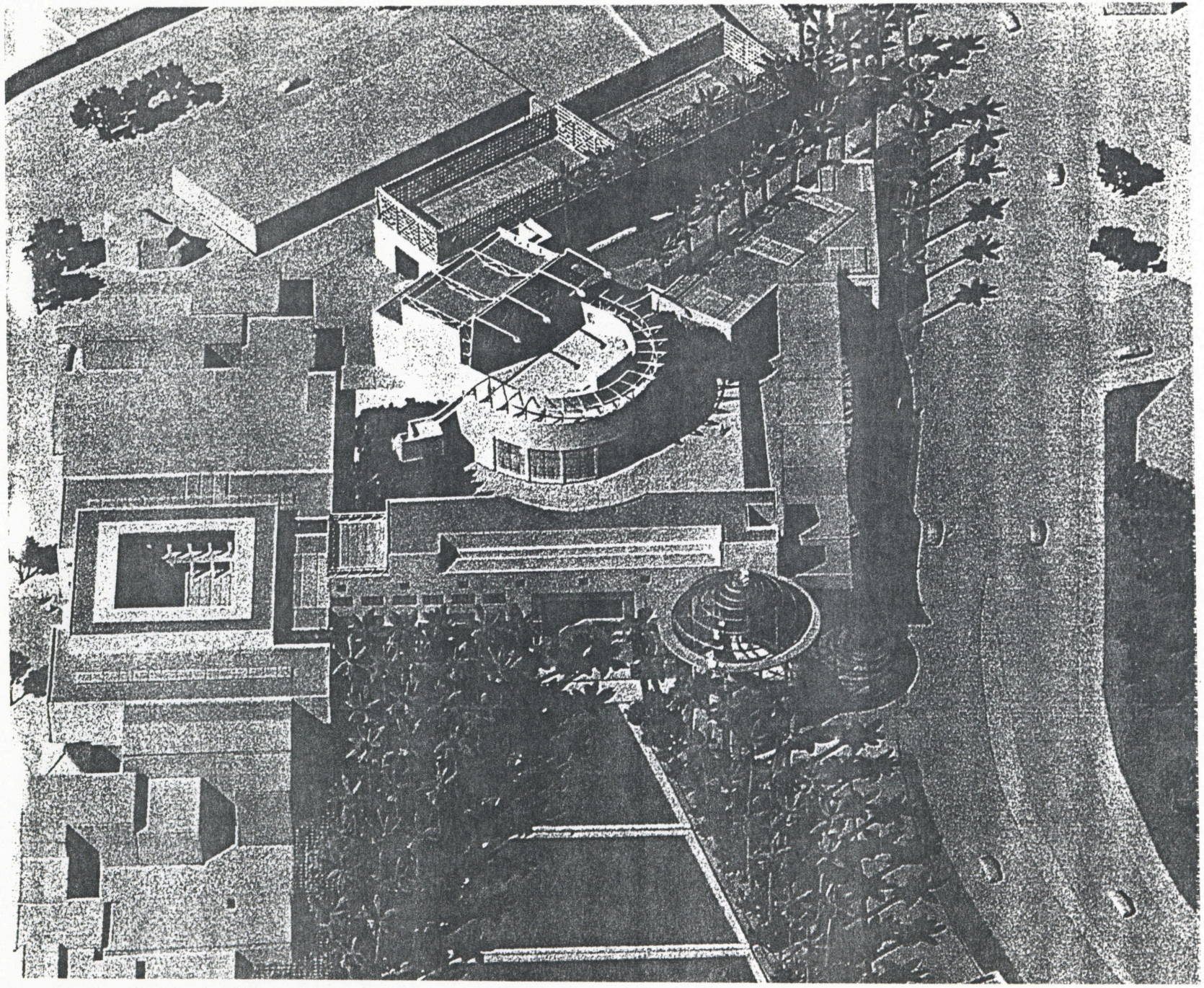


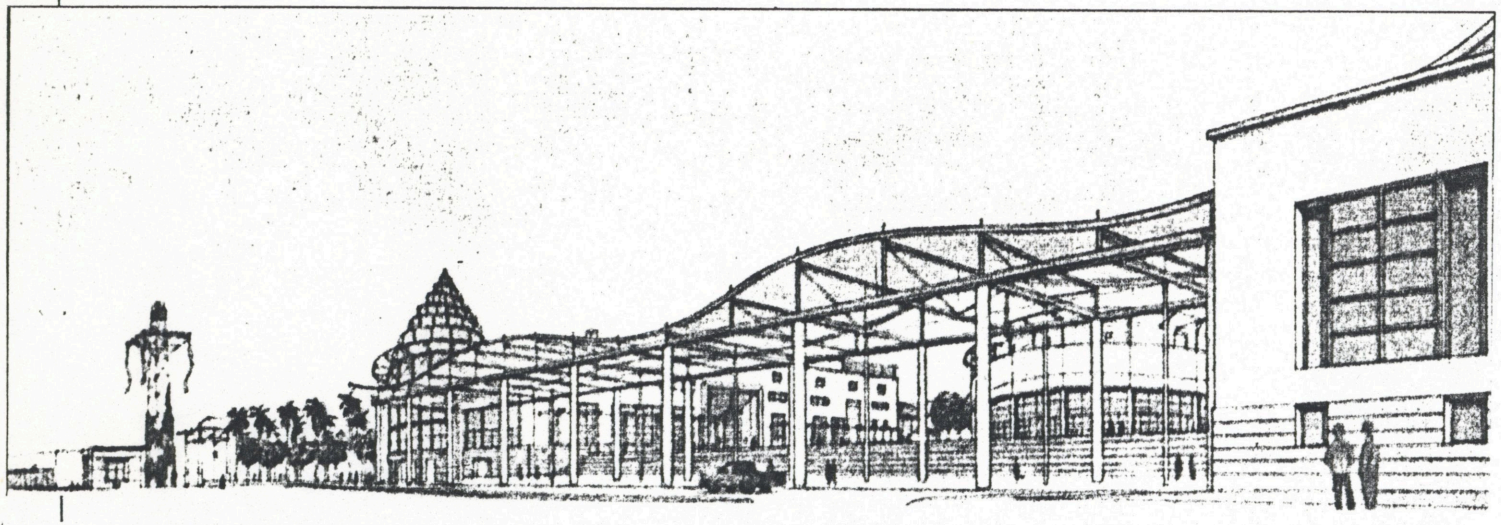
PRECEDENT

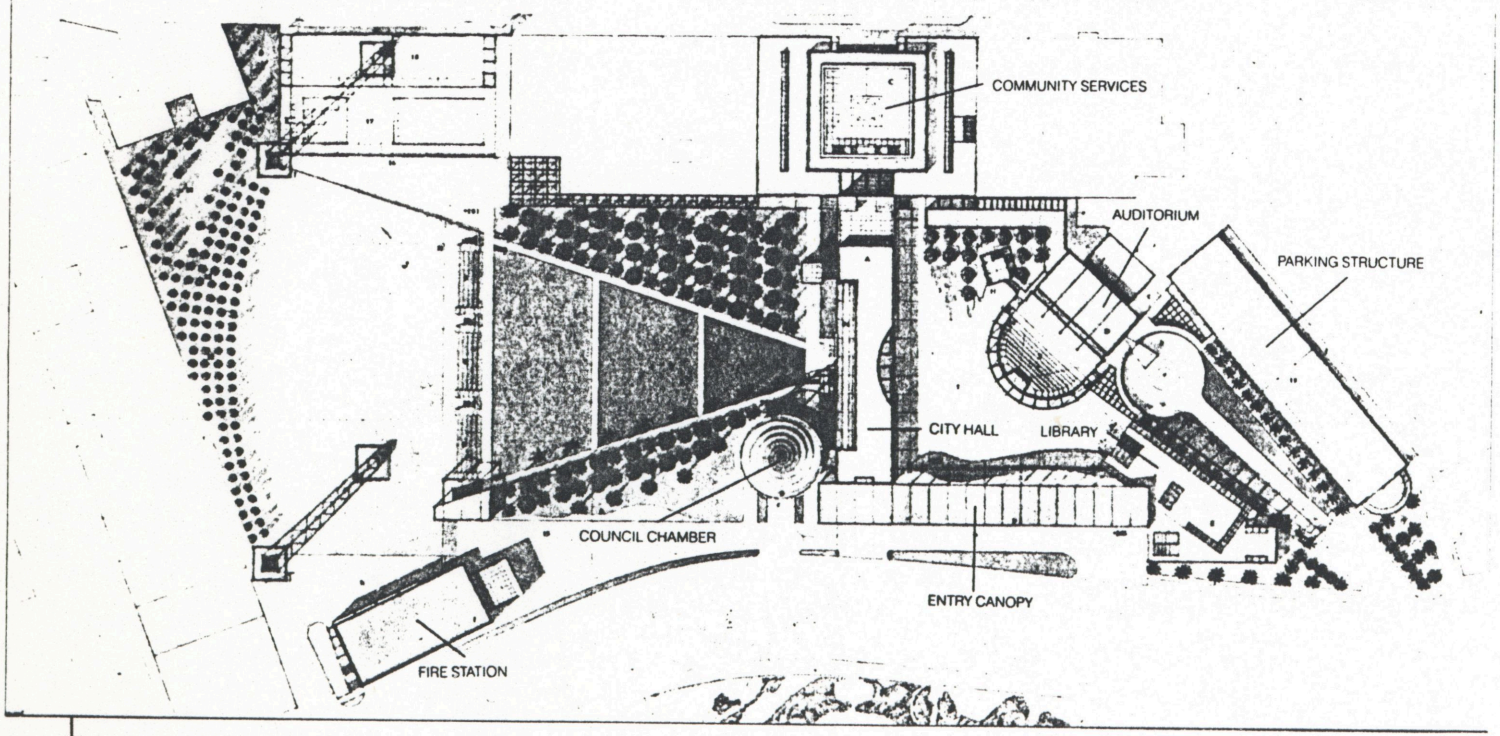
Edmund Chang
and Roger Sherman

Project: Civic Center, West Hollywood, California.
Site: The current West Hollywood Park, a 7.75-acre parcel bounded by Santa Monica, San Vicente, and Robertson Blvds. and Melrose Ave.
Program: Design a civic center to serve as symbol of the newly incorporated City of West Hollywood, with a city hall and council chambers (65,000 sq ft), civic auditorium (20,000 sq ft), library (15,000 sq ft), and fire station (10,000 sq ft), parking and 5.5 acres of open space.
Solution: Winner of a two-stage open design competition (P/A, Aug. 1988, p. 25), this scheme organizes the site as a network of civic spaces that are defined by the terracing of the site and by the positioning of buildings in the park. Buildings are designed to address the scale and density of the surrounding neighborhood, while the landscape is treated at a scale comparable in its expanse to the adjacent Pacific Design Center. The uppermost of four terraces serves as the theater entry court. The auditorium and city hall face each other across the civic court, while the city hall bisects the site. A monumental portal cut through the city hall connects the civic court to a great lawn, flanked by groves of palm and ficus trees planted in alternating rows. Beyond this "greensward" rise two observation and lighting towers which illuminate a softball field on the lowest of the four levels, where a recreation center, pool and fire station are located.







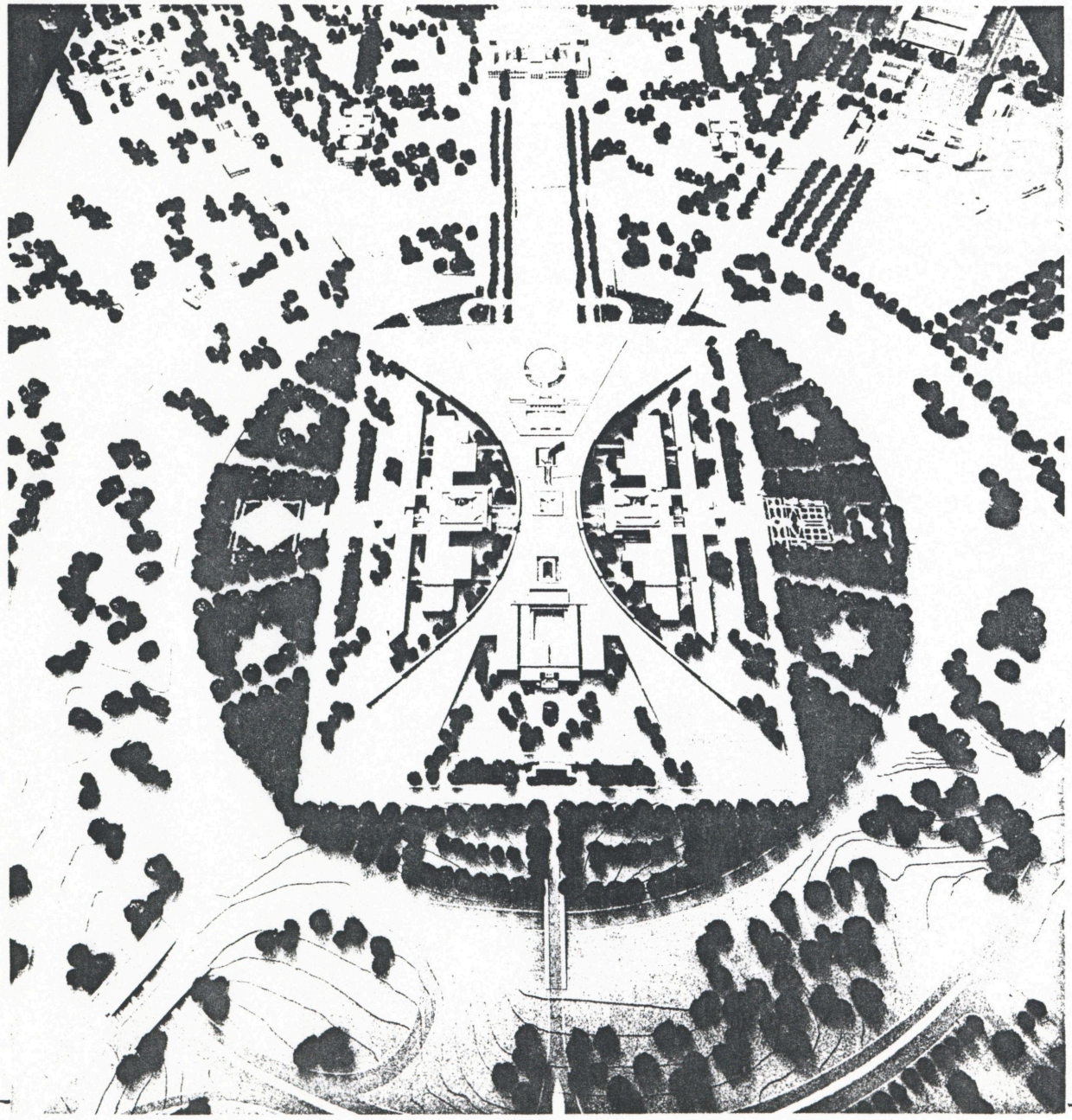


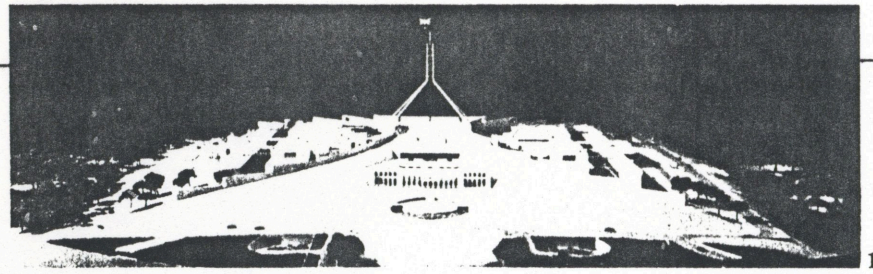
IMPLICATIONS:

- INTERESTING ORGANIZATION OF THE COMPLEX.
- AN INVITING SPACE BETWEEN THE BUILDINGS.
- NICE SOLUTION RESPONSE TO THE SITE.

PARLIAMENT HOUSE AUSTRALIA

Parliament House Construction Authority
Canberra, Australia 1988
Mitchell/Giurgola & Thorp Architects





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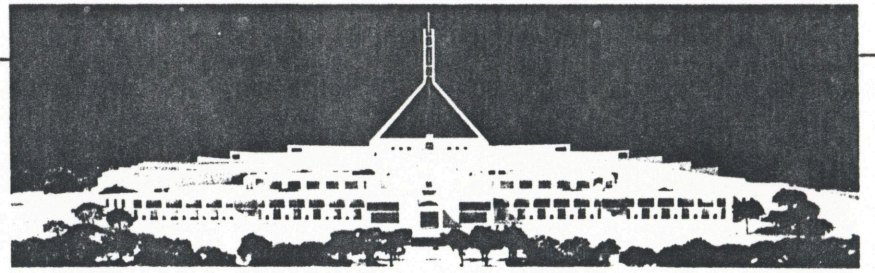

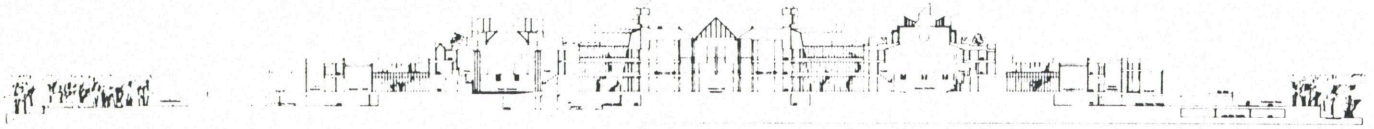

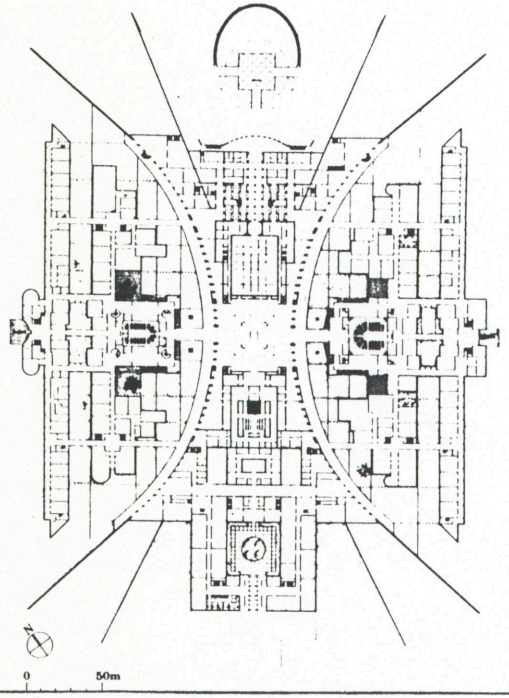

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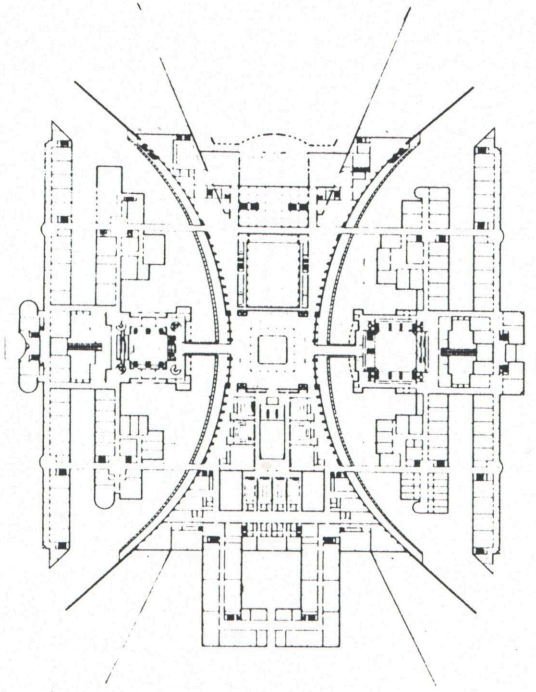

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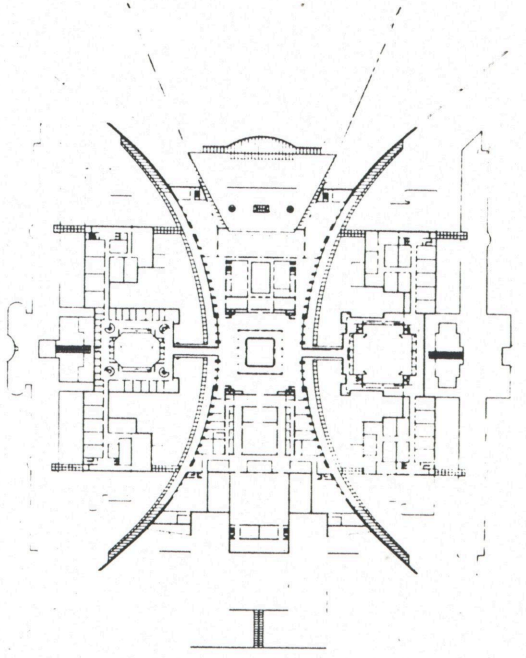

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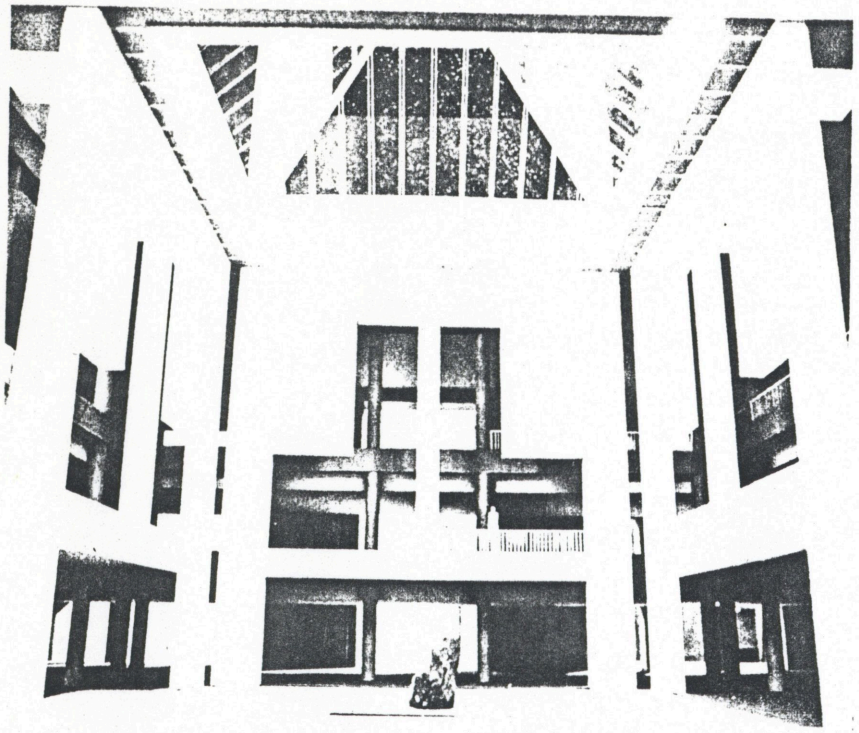


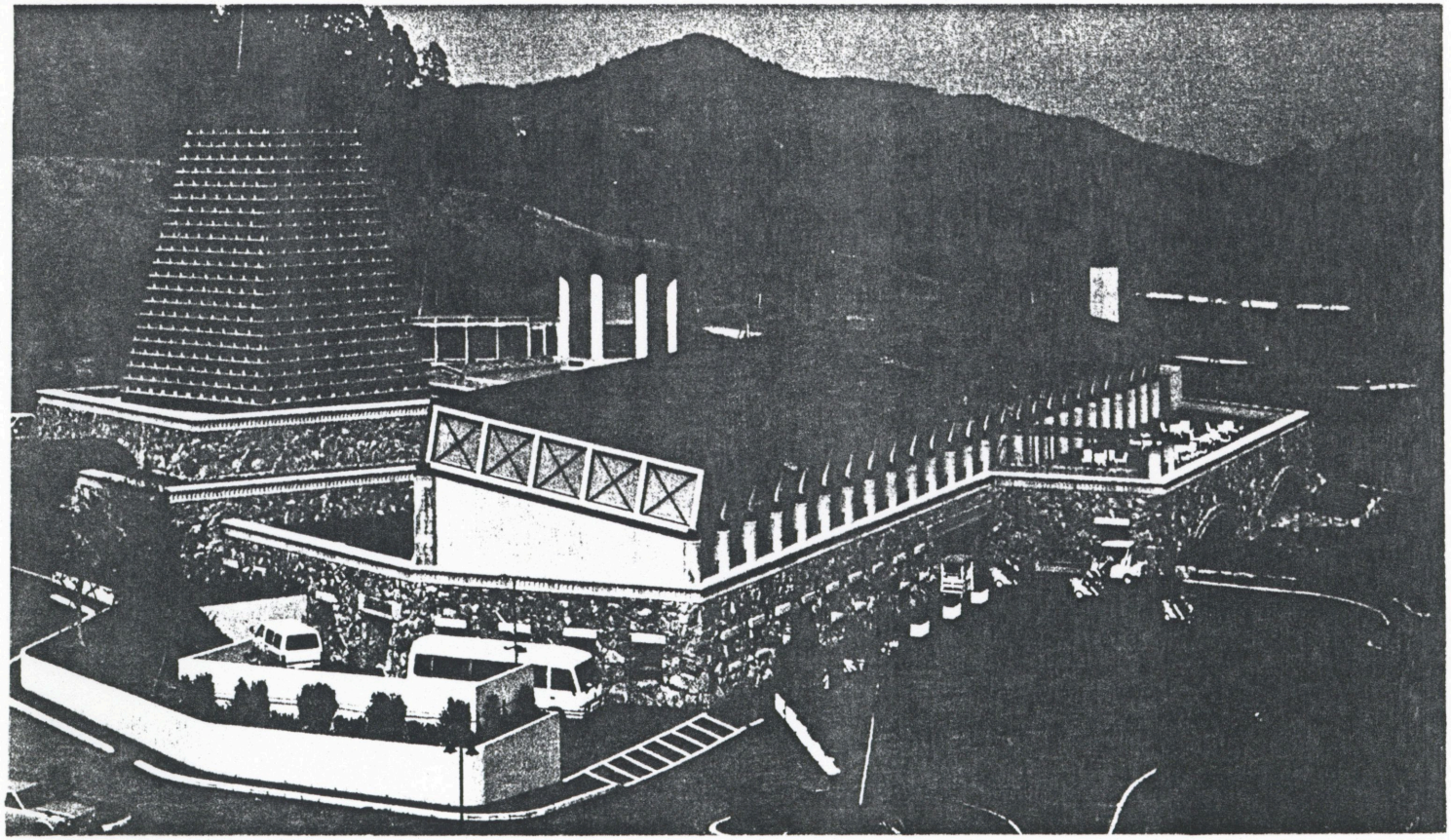
Our concept of the building is not as a monumental structure imposed on the landscape, but rather one which is closer in spirit to the Greek monumentalization of an acropolis, in which there is a continuity from the most minute elements of the architectural order to the massive form of the building itself, yet all of which is congruent with the landscape. We are aware that in any architectural design of this magnitude there is a sense of grandiosity. But it is our intention in the development of the design to resist this connotation of the architectural gesture, and instead to nurture and refine the simple sense of monumentality, in concert with the honest, natural landscape.

. . . . The form of the Parliament is thus intended to express a sense of fellowship and dignity amongst the citizens, an integrity made evident by the delicate insertion of the complex into the spatial scheme of the city as a whole. Through the buildings' humane accommodation of daily work, and the visual evidence of the commitment of the Government and the dimension of the Commonwealth, the Parliament complex expresses the belief that this fellowship and dignity is not accessorial, but must be conceived of as fundamental to democratic life. (*Stage Two Competition Report*, pp. 4-6, 13)

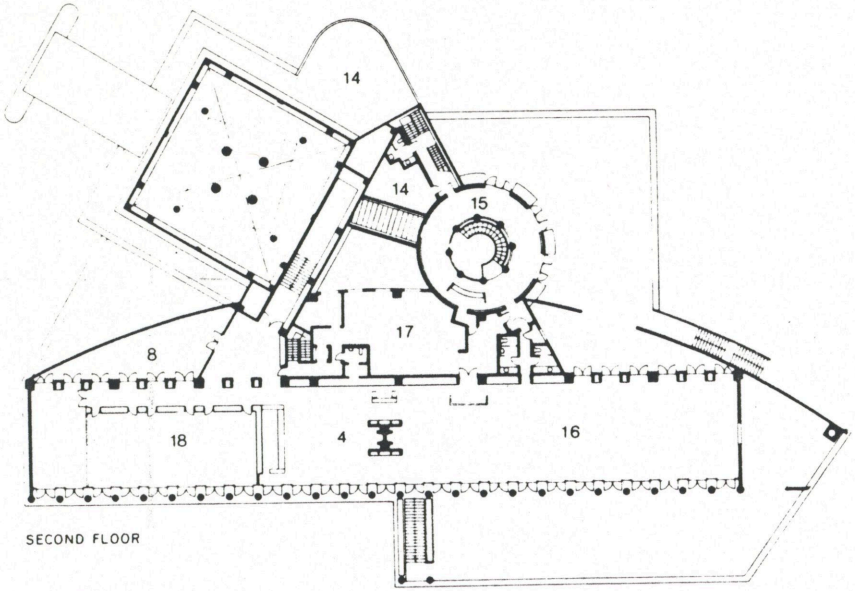
IMPLICATIONS :

- UNIQUE DESIGN SOLUTION RESPONSE TO CONTEXTUAL OF THE SITE
- THE COMPLEX → MORE TO HUMAN SCALE RESPONSE
- A VERY INTERESTING AND DETAIL DESIGN COMPLEX .

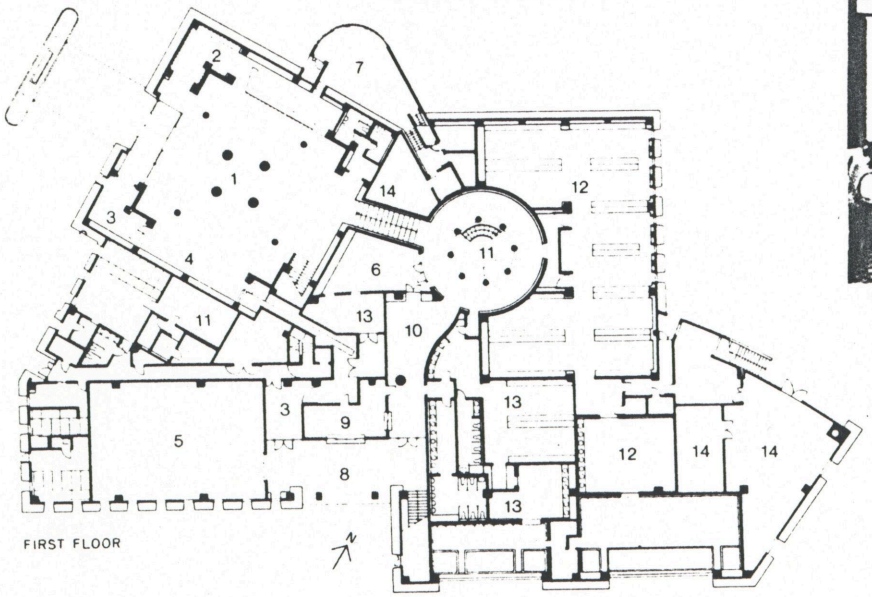
Musashi-kyuryo Country Clubhouse
Saitama Prefecture, Japan
Architect:
Arata Isozaki & Associates—Arata Isozaki, principal-in-charge; Hiroshi Aoki, Kenji Sato, design team
Engineers:
Kawaguchi and Engineers (structural); Kankyo Engineering Inc. (mechanical electrical hydraulic)
General contractor:
Taisei Corporation



1. *Entrance hall*
2. *Shop*
3. *Bag storage*
4. *Lounge*
5. *Caddie cart parking area*
6. *Courtyard*
7. *Office*
8. *Terrace*
9. *Caddie master's room*
10. *Starting hall*
11. *Locker hall*
12. *Men's locker room*
13. *Women's locker room*
14. *Mechanical*
15. *Coffee lounge*
16. *Dining hall*
17. *Kitchen*
18. *Competition room*



SECOND FLOOR



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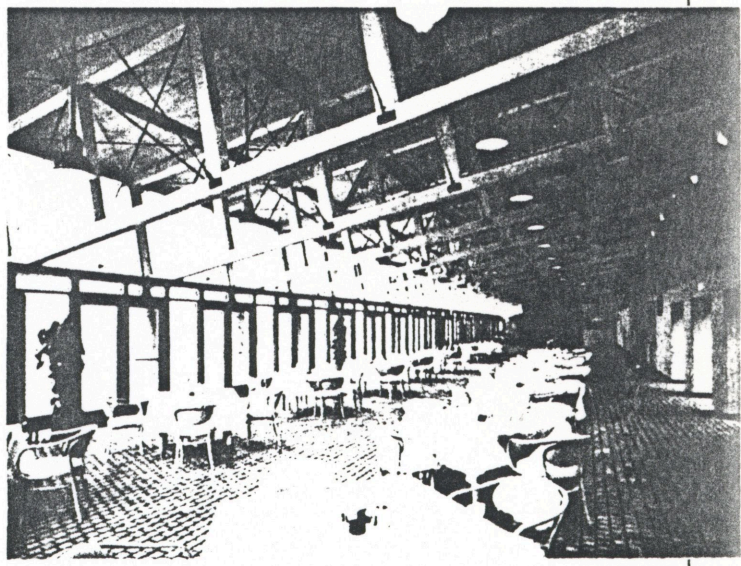
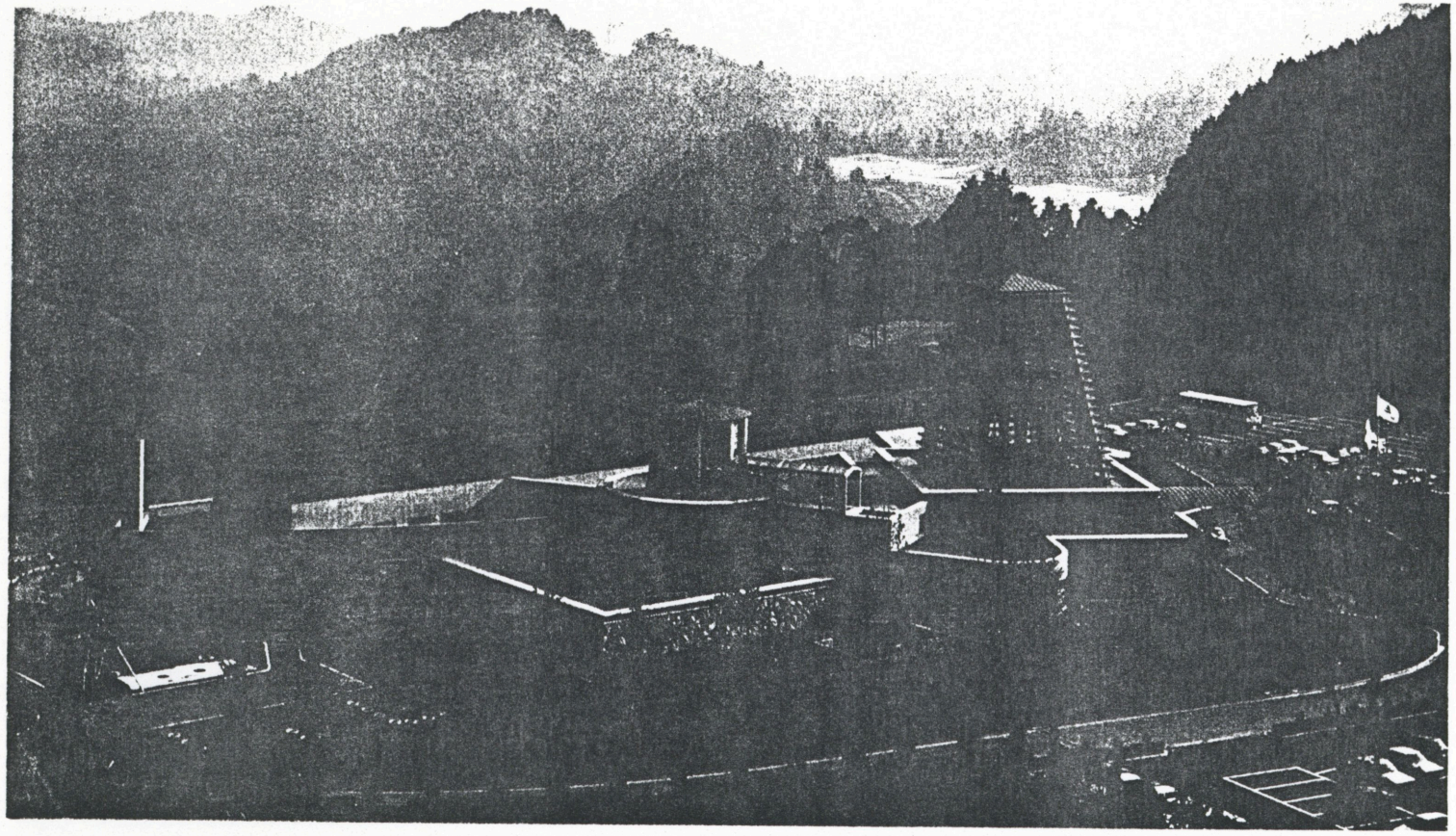




IMPLICATIONS :

- THE DESIGN REFLECTS ITS OWN CULTURE AND ARCHITECTURE ; JAPANESE .
- INTERESTING CLUSTER ORGANIZATION AND CIRCULATION .
- VERY SIMPLE INTERIORS ORGANIZATION .

Orange County Performing Arts Center Theater, Costa Mesa, California

Owner: The Orange County Performing Arts Center

Architects: The Blurock Partnership; Caudill-Rowlett-Scott (Associated Architects)

Theatre consultant: John von Szeliski AIA

Theater operations consultant: Len Bedsow

Acoustic consultants: Joint Venture Acoustical Consultants: Paoletti-Lewitz Associates Inc.; Jerald R. Hyde; Marshall Day Associates

Stage lighting: Jules Fisher Associates

Rigging: Peter Feller Associates

Sound system and video: Paul Alan Magil

Architectural lighting: Jules Fisher-Paul Marantz

Landscape architect/site design: The SWA Group

Structural engineers: Martin and Tranbarger

Mechanical engineers: Nack and Sunderland

Electrical engineers: Frederick Brown Associates

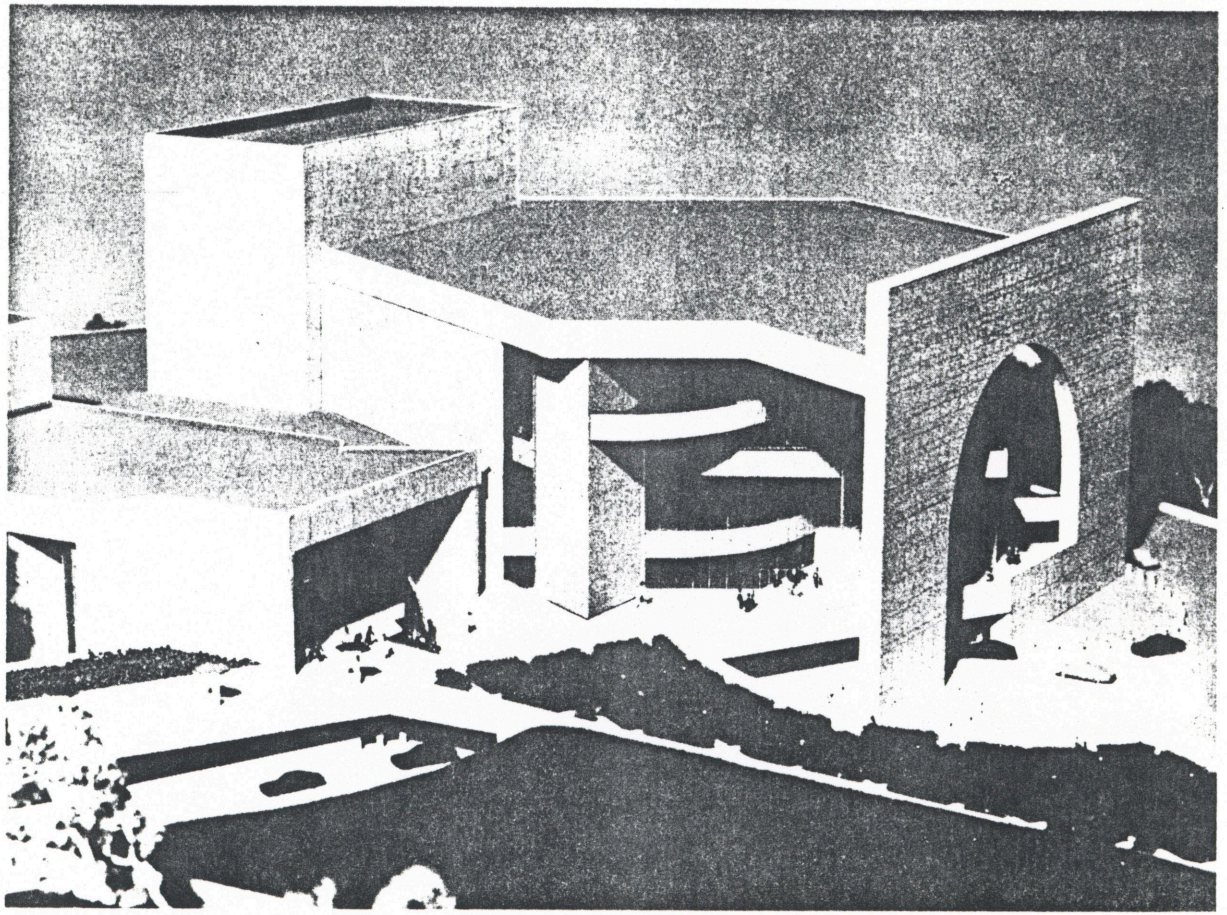
Main contractor: C. L. Peck

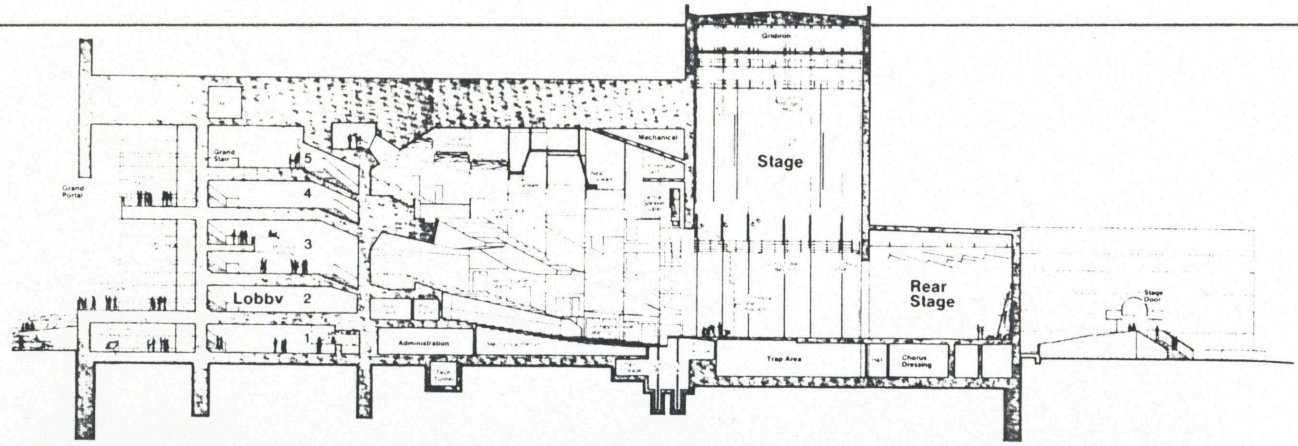
Opened: 1986

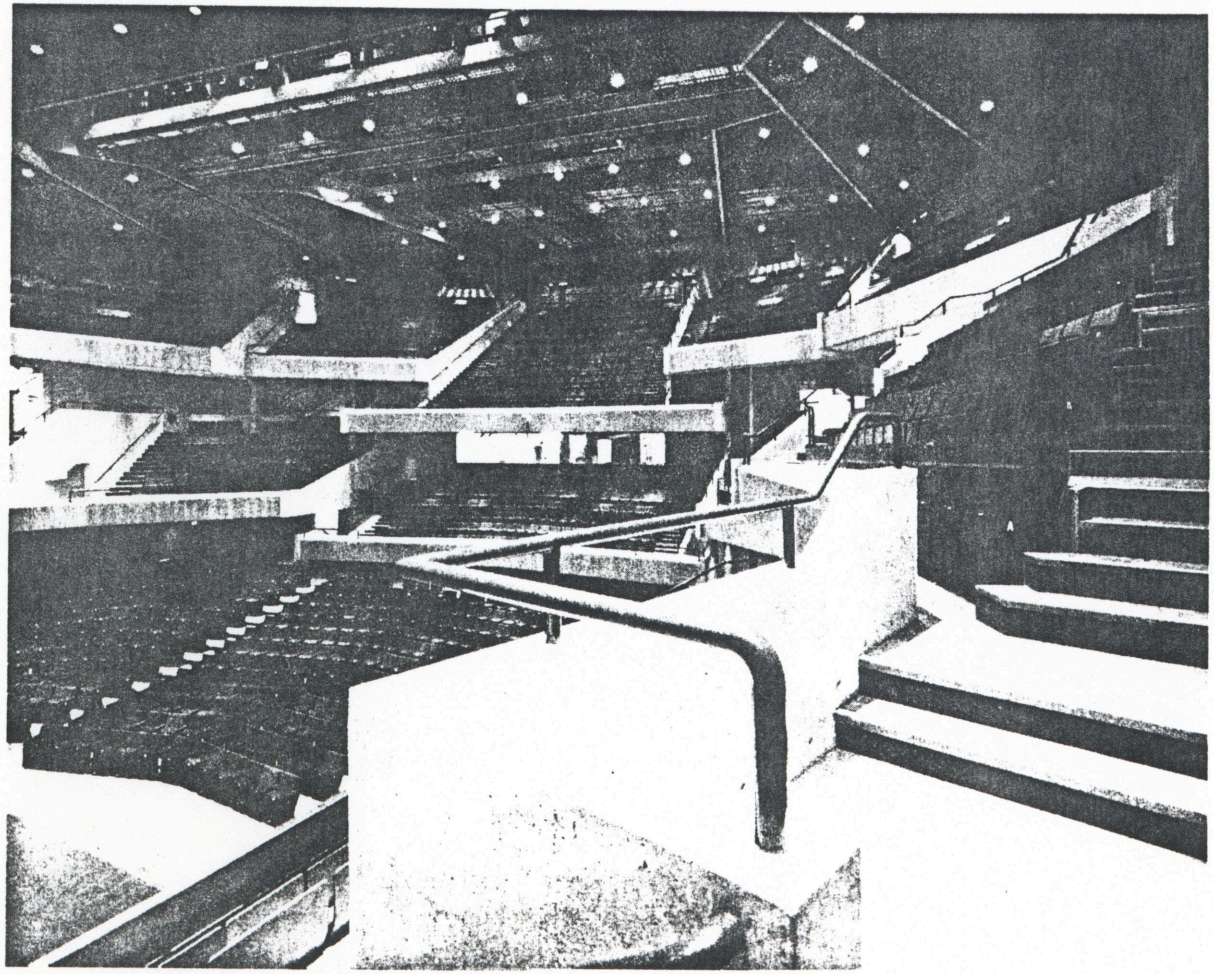
Cost: Approximately $72 million

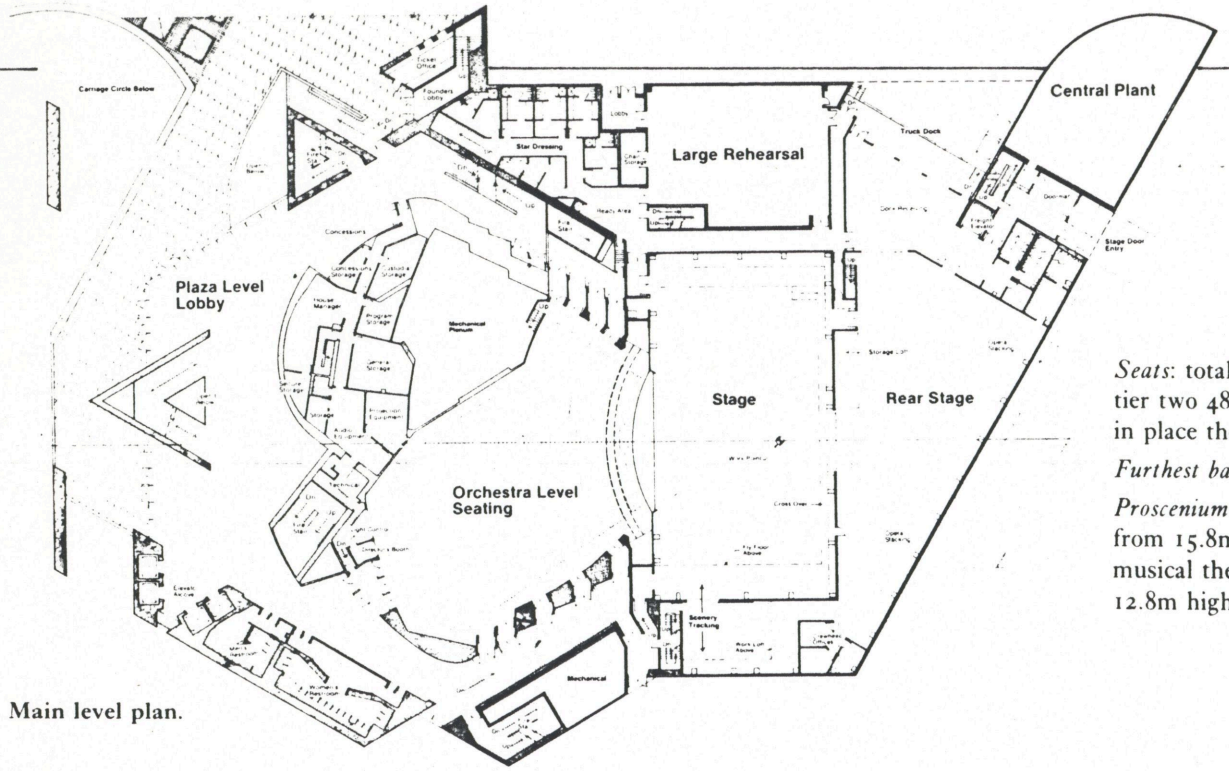
Main auditorium

Uses: multi-purpose including symphony, touring musical theatre, dance, opera, drama, film, and television events




Gridiron
Mechanical
Grand Stair
Grand Portal
5
4
3
Lobby 2
1
Stage
Rear Stage
Stage Door
Administration
Trap Area
Chorus Dressing



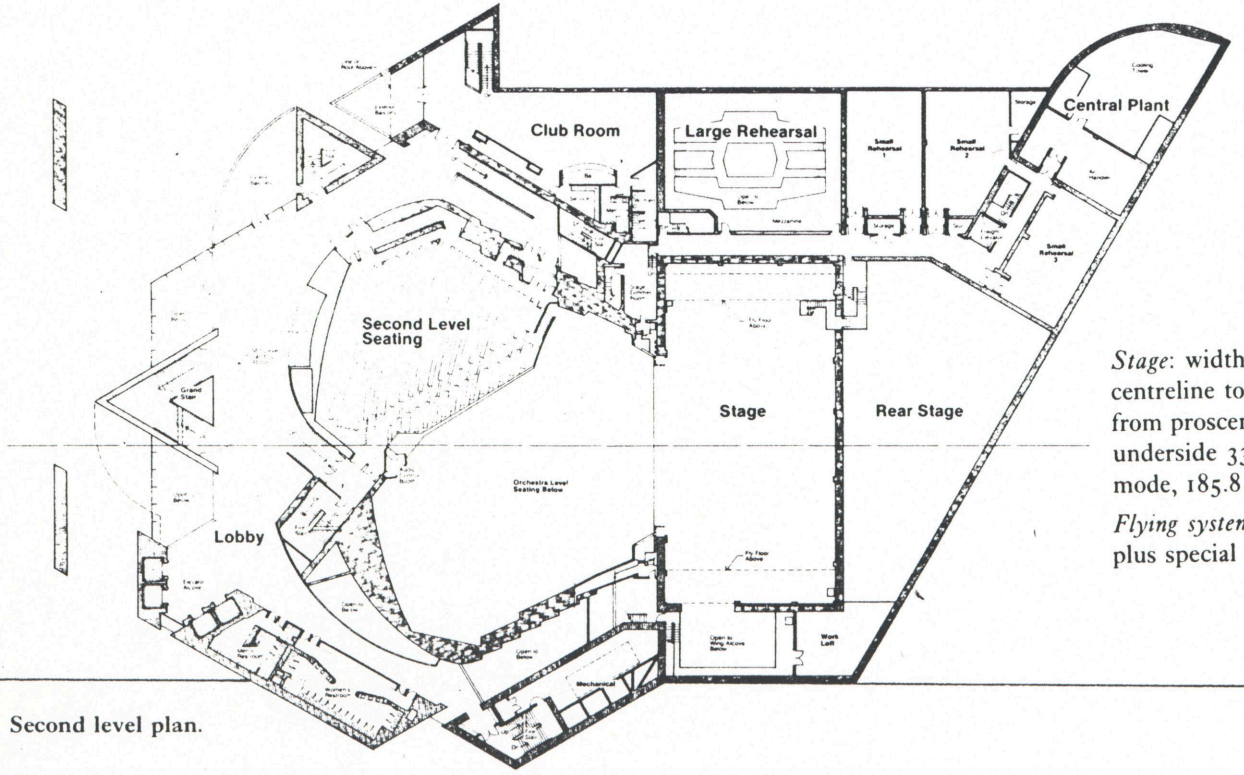


Main level plan.

Seats: total 3000; orchestra level 1250, tier one 680, tier two 485, tier three 595; with symphony platform in place there are 1148 seats on the orchestra level

Furthest balcony seat from stage front: 42.7m (140ft)

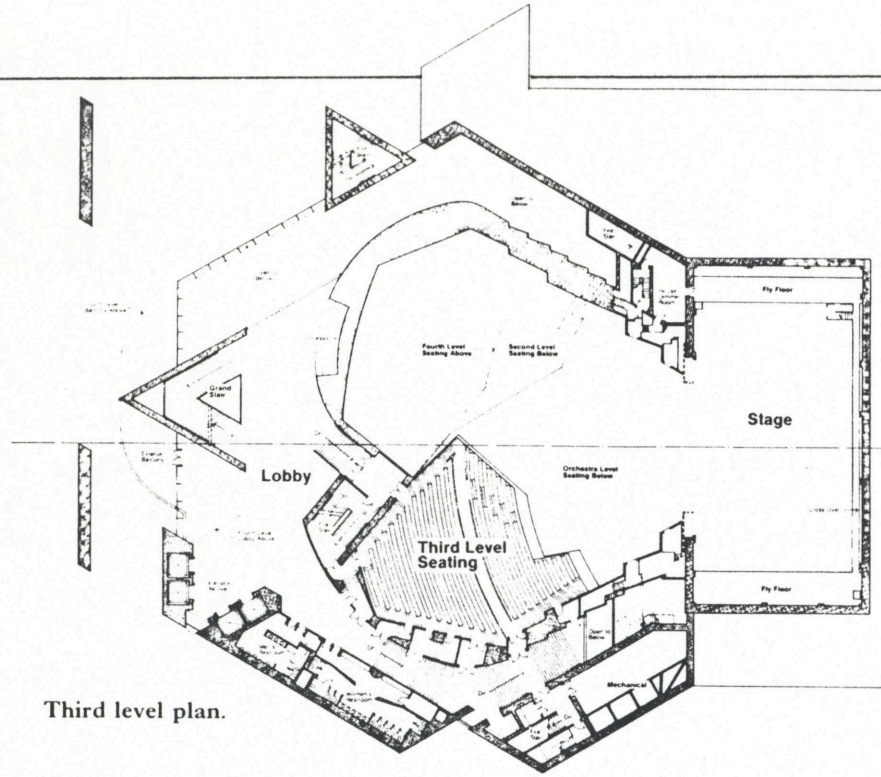
Proscenium opening: variable with motorized panels from 15.8m (52ft) wide and 9.1m (30ft) high for musical theatre and drama, to 20.7m (68ft) wide and 12.8m high (42ft) for symphony mode



Second level plan.

Stage: width 39.3m (129ft), 21m (69ft) from centreline to stage right wing, depth 19m (62.3ft) from proscenium wall to back wall, height to grid underside 33.5m (110ft), stage area in symphony mode, 185.8 sq.m (2000 sq.ft)

Flying system: 90 single purchase counterweight sets, plus special motor units



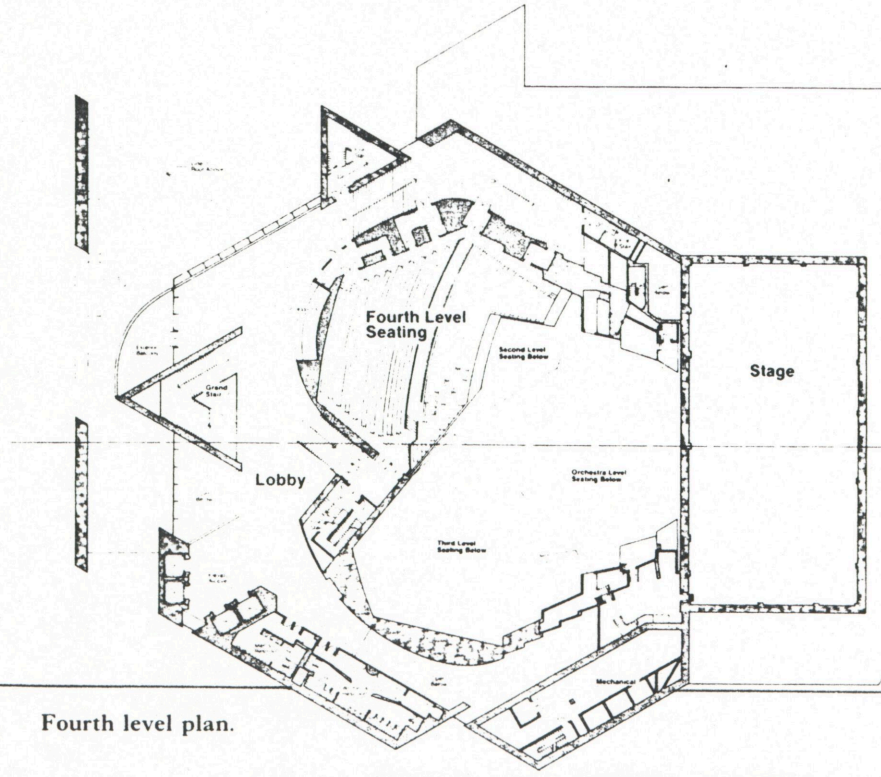
Third level plan.

Orchestra pit: small pit (one lift) 35–40 musicians, large pit (two lifts) 120 musicians

Volume: 27,800 cub.m (982,000 cub.ft) (with orchestra shell in place)

Reverberation time: variable from 2.2 secs. to 1.4 secs. at mid-frequencies with full audience

Maximum background noise level: PNC 15

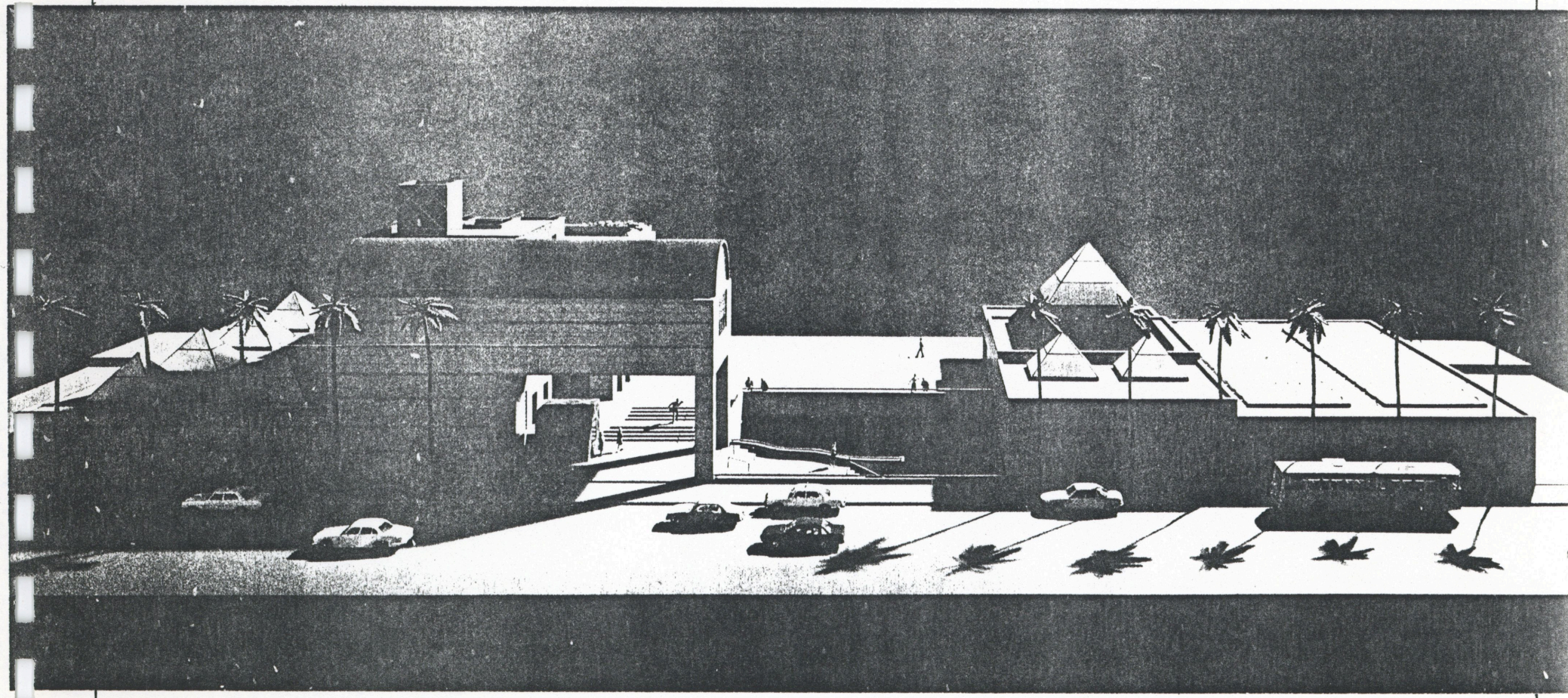


Fourth level plan.

IMPLICATIONS :

- EXTERIOR : SIMPLE ARCHITECTURAL FORM
- INTERIOR : VERY EXCITING SPACES .
- CIRCULATION QUITE COMPLEX BUT INTERESTING TO EXPERIENCE .

ARATA ISOZAKI & ASSOCIATES
Gruen Associates, executive architects
The Museum of Contemporary Art
Los Angeles, California
Design: 1981-83



Site:

The Museum of Contemporary Art (MOCA) will be located at the center of the California Plaza mixed use development in the Bunker Hill section of downtown Los Angeles.

Although California Plaza will be realized in stages, at the completion of the project, MOCA will be bounded by an office tower on the north, on the south by a hotel, residential condominiums on the east and Grand Avenue on the west. The museum sits atop and partially within the parking structure of California Plaza.

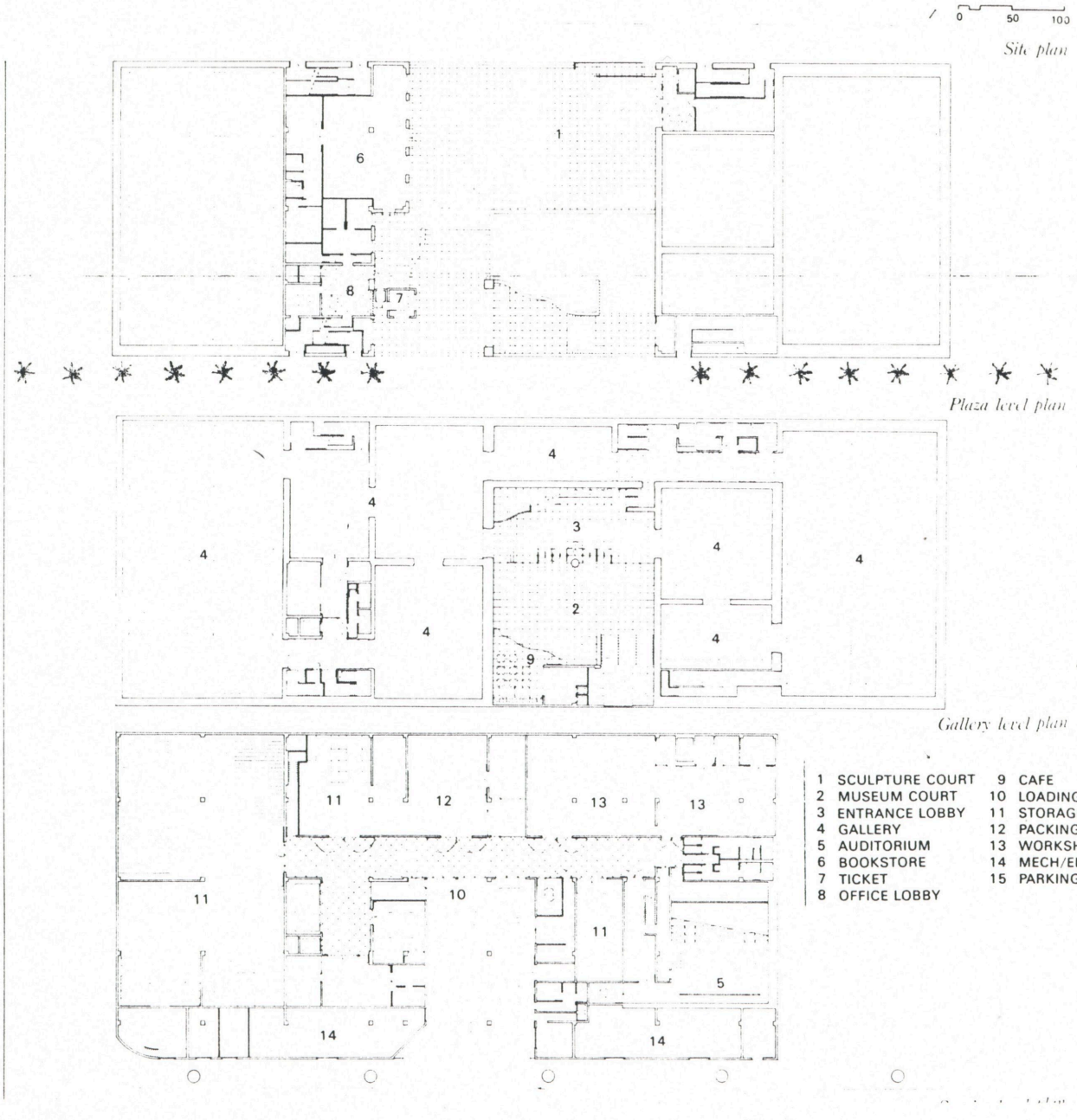
This location presented several severe restrictions to both the planning and massing of the museum. Consideration of the visibility of the retail spaces at the Plaza level imposed height limitations, predetermined floor elevations at parking levels specified lower limits as well. Moreover, it was required that the dimensions of the museum's bays enable optimum use of the parking area below.

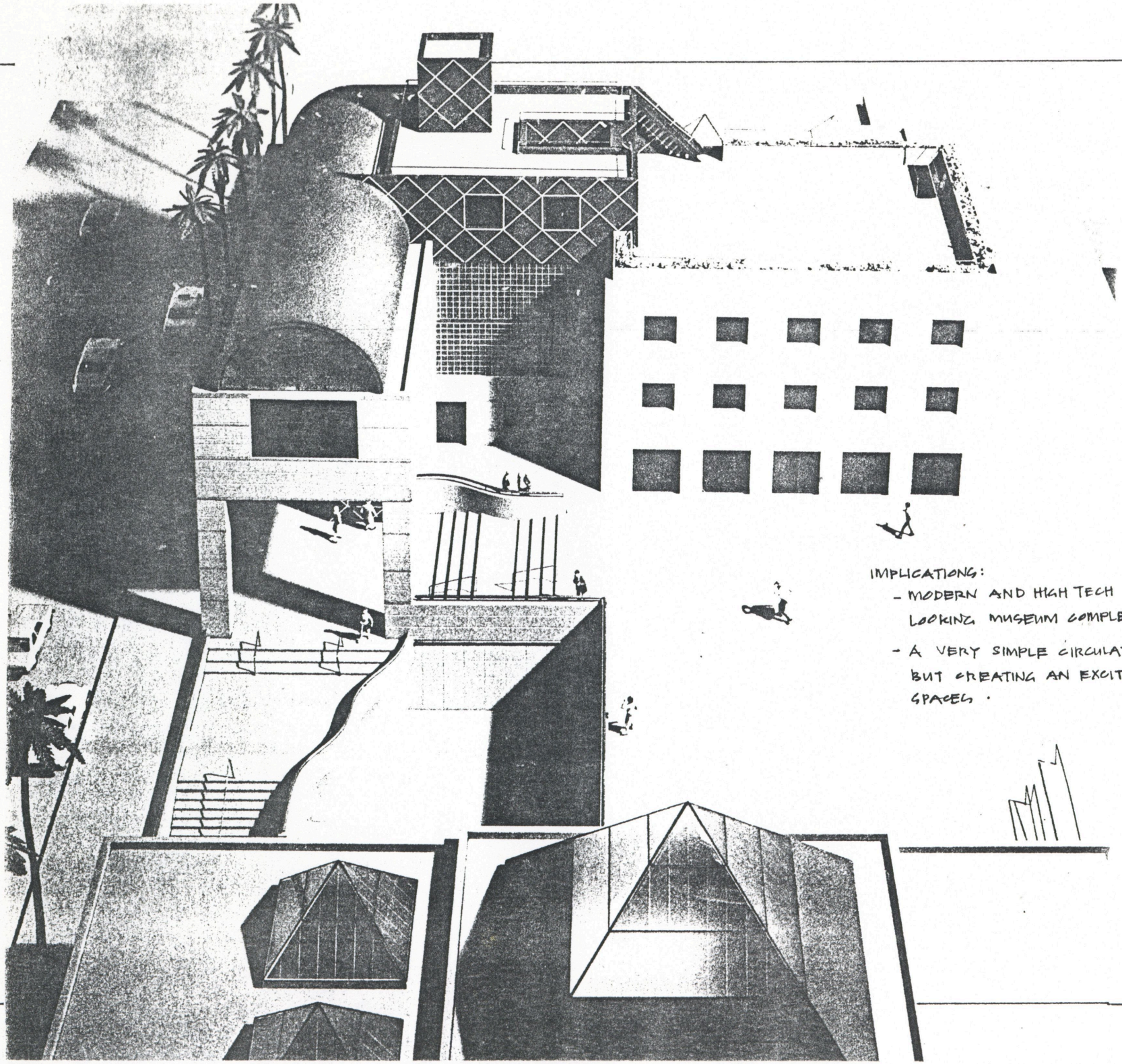
During the planning process, the actual location of the museum site was changed three times by the developer and Plaza architect. Before the final solution was reached, over thirty schemes on these different sites were proposed.

Brief:

Along with nearly 34,000 square feet of gallery space, the museum program includes an auditorium, a library, cafeteria, bookstore, various offices and extensive service areas. These functions are separated by level and connected vertically.

The museum presents itself to the street as two structures bracketing a sculpture and entry court. Pyramids, cubes and a circular vault rest atop walls of red Indian sandstone the base of which is red granite. Bands of honed finish sandstone alternate with larger pieces of rough, cleft finish to give a subtle pattern of horizontal striation to the wall.





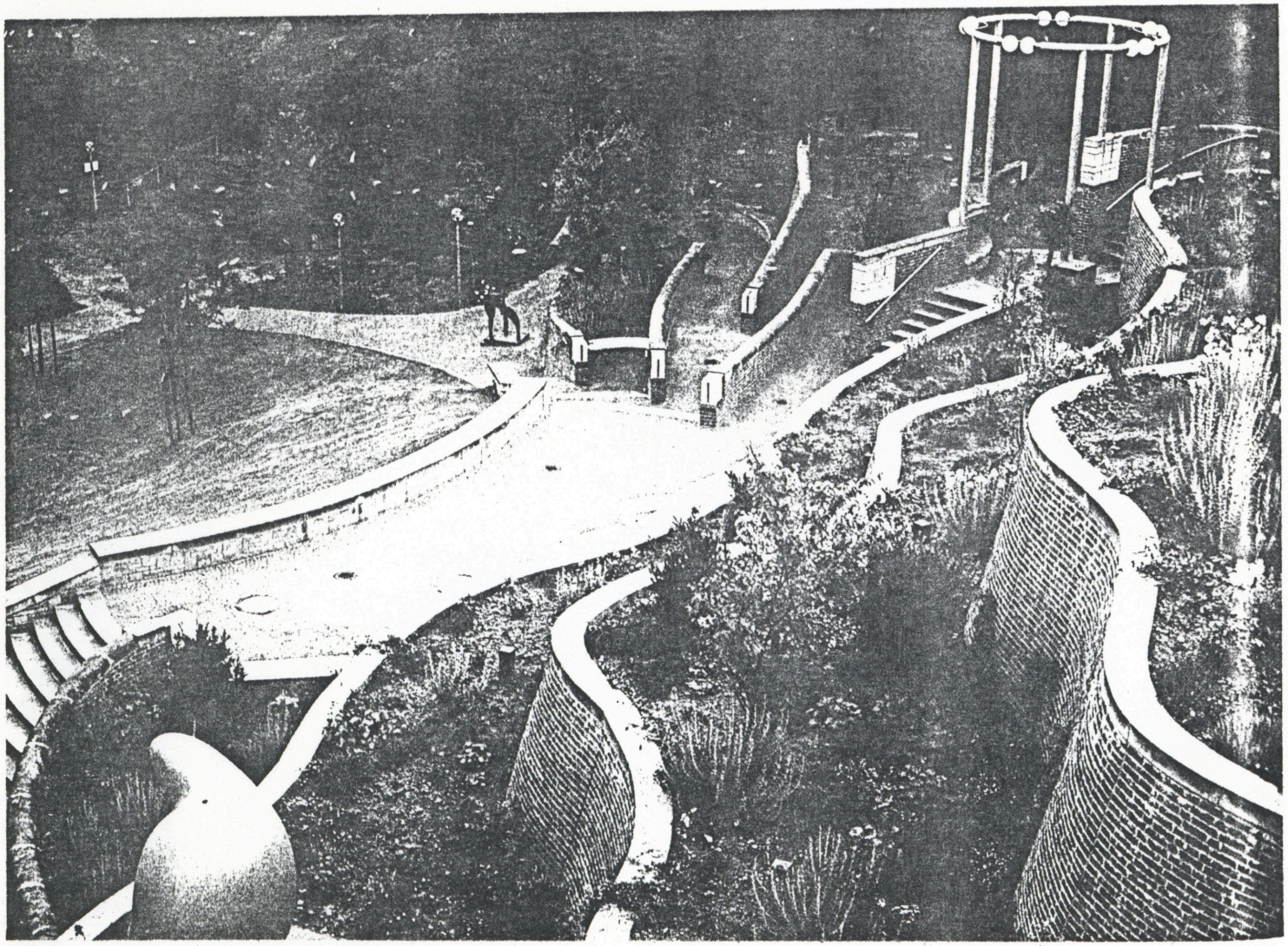
IMPLICATIONS:

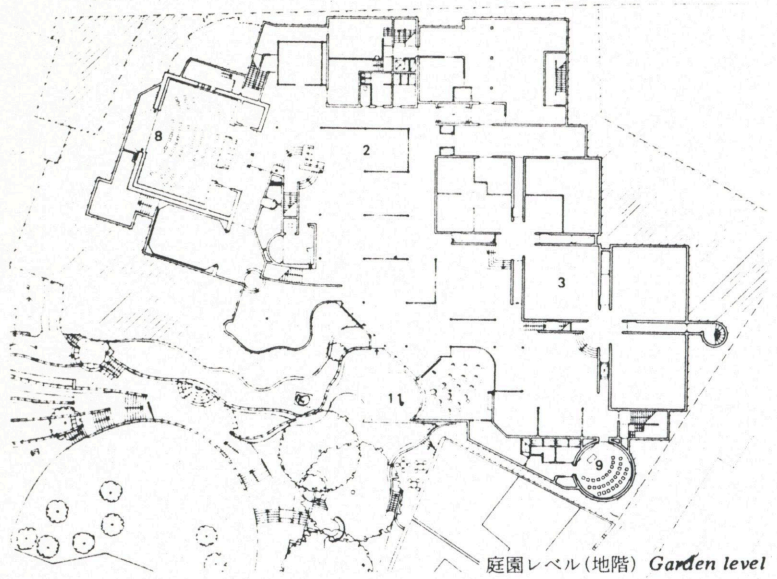
- MODERN AND HIGH TECH LOOKING MUSEUM COMPLEX.
- A VERY SIMPLE CIRCULATION BUT CREATING AN EXCITING SPACES.

Municipal Museum Abteiberg Mönchengladbach

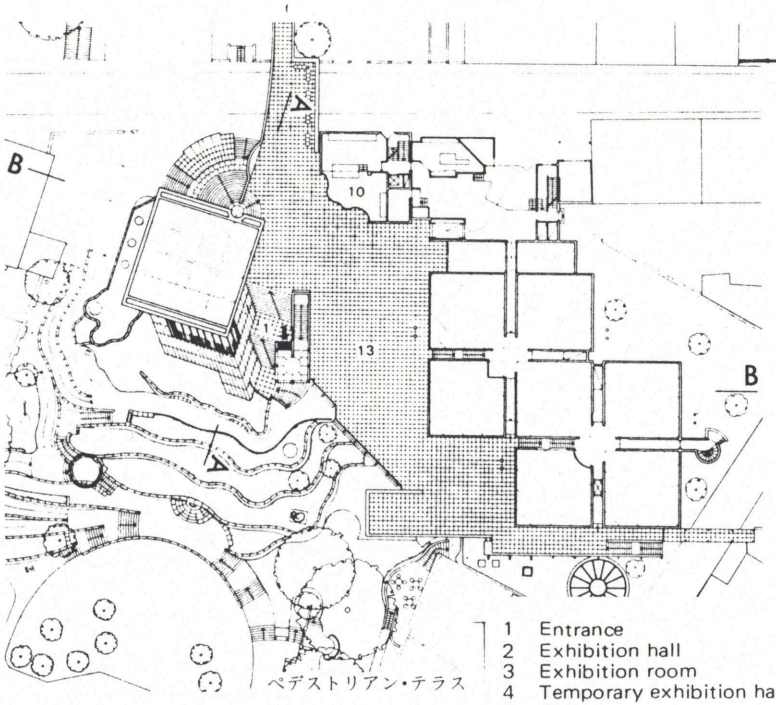
Mönchengladbach, West Germany





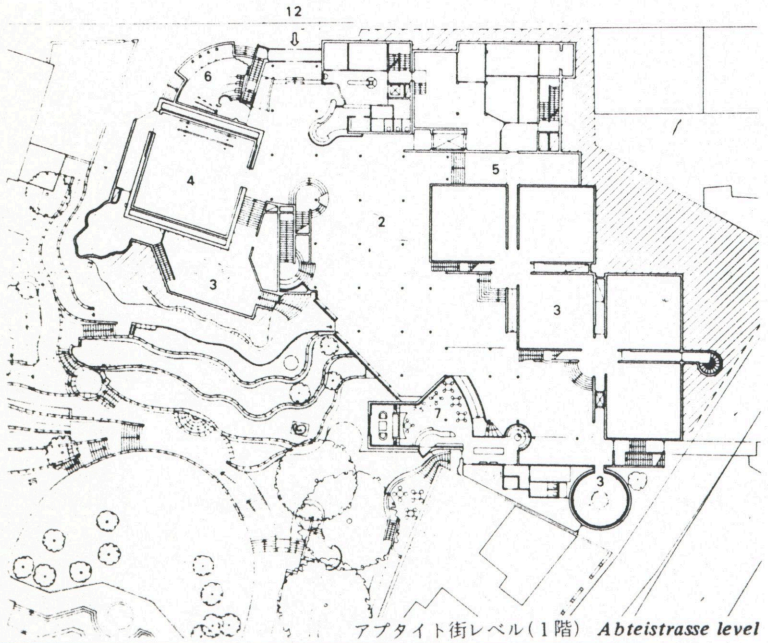


庭園レベル(地階) *Garden level*

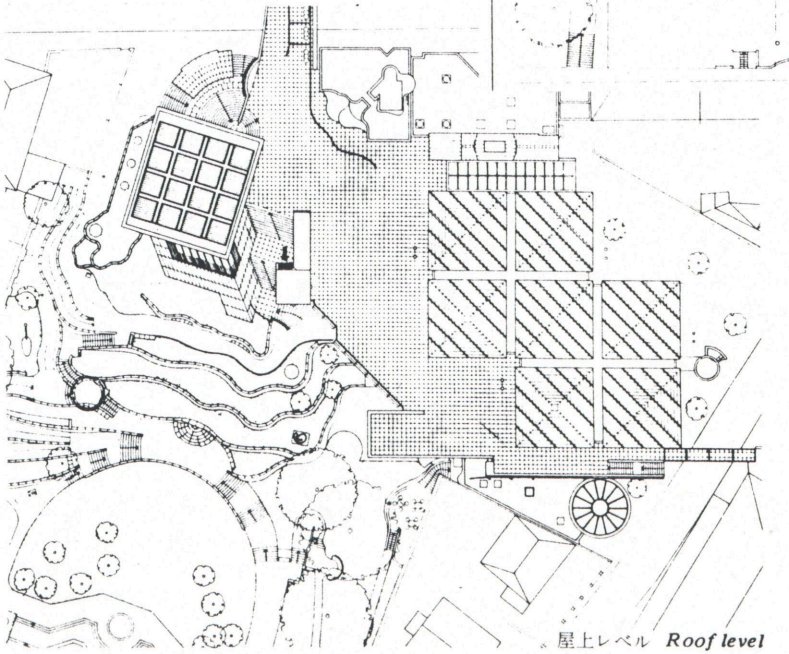


ペデストリアン・テラス

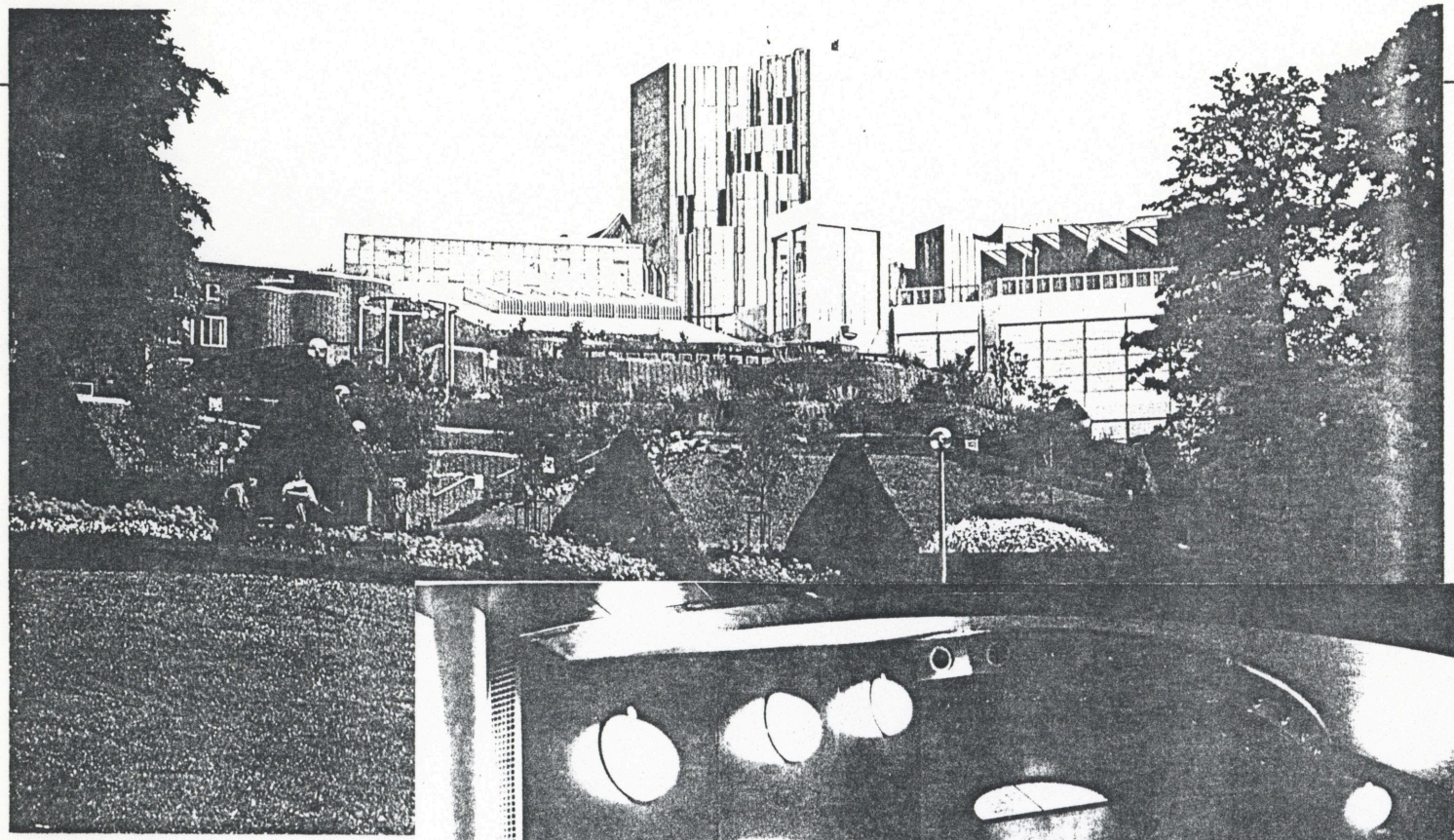
1 Entrance
2 Exhibition hall
3 Exhibition room
4 Temporary exhibition hall
5 Gallery
6 Audio-visual room
7 Cafeteria
8 Lecture hall
9 Lectrue room
10 Curatorial section
11 Terrace
12 Sub-entrance
13 Pedestrian terrace

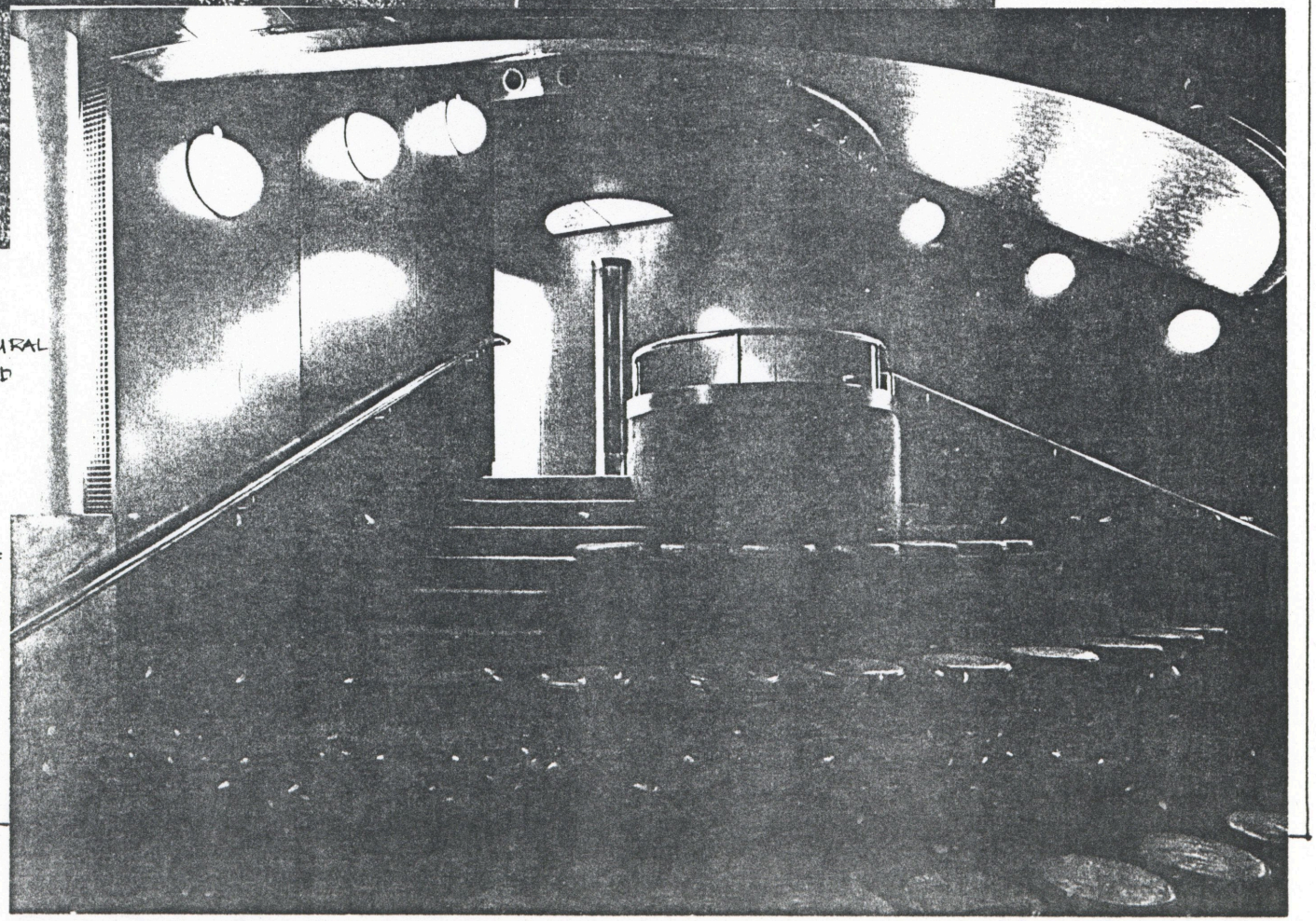


アブタイト街レベル(1階) *Abteistrasse level*



屋上レベル *Roof level*

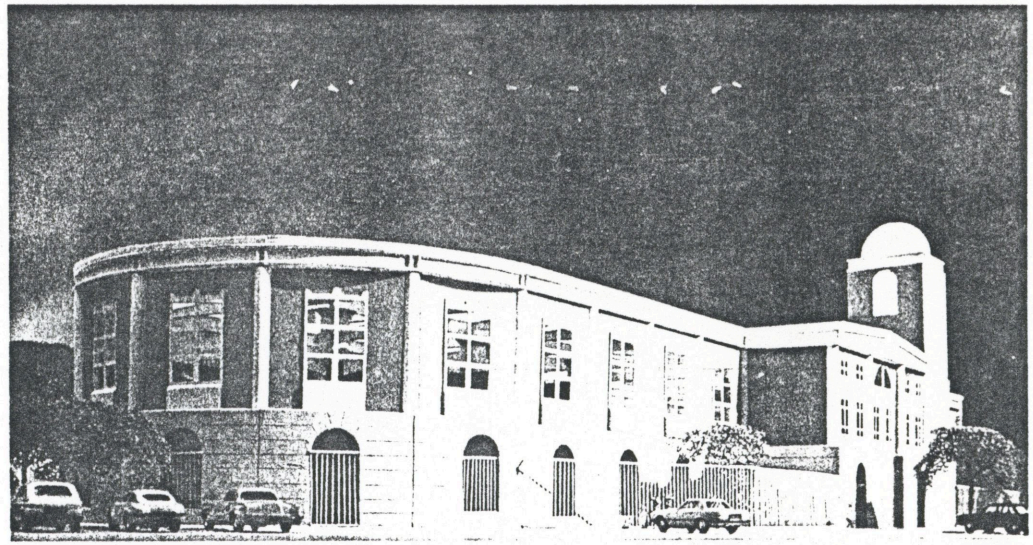




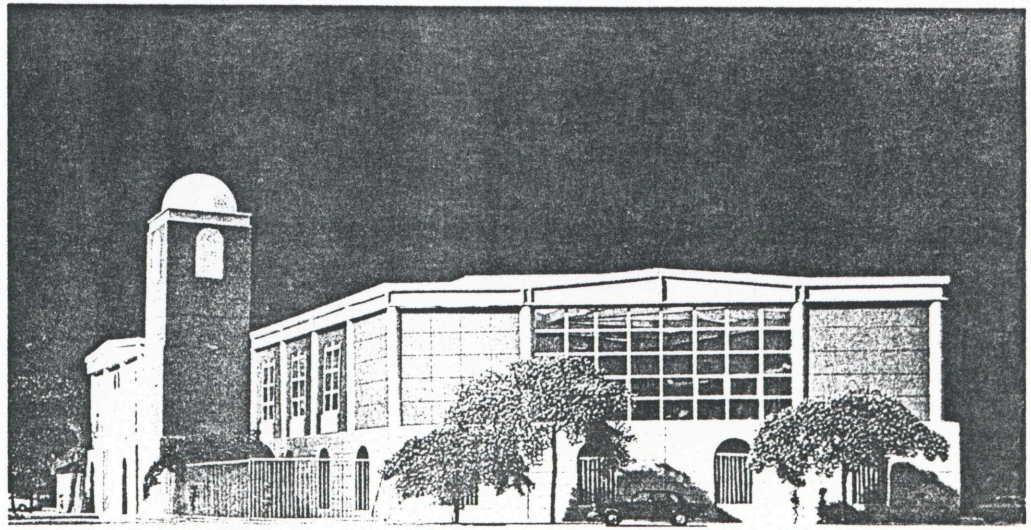
IMPLICATIONS:

- REALLY INTERESTING AND UNIQUE ARCHITECTURAL FORMS, CIRCULATION AND ALSO ORGANIZATION OF THE BUILDINGS.
- A MUSEUM COMPLEX THAT BEEN DESIGNED ESPECIALLY FOR PEOPLE TO EXPERIENCE BY FOOT.

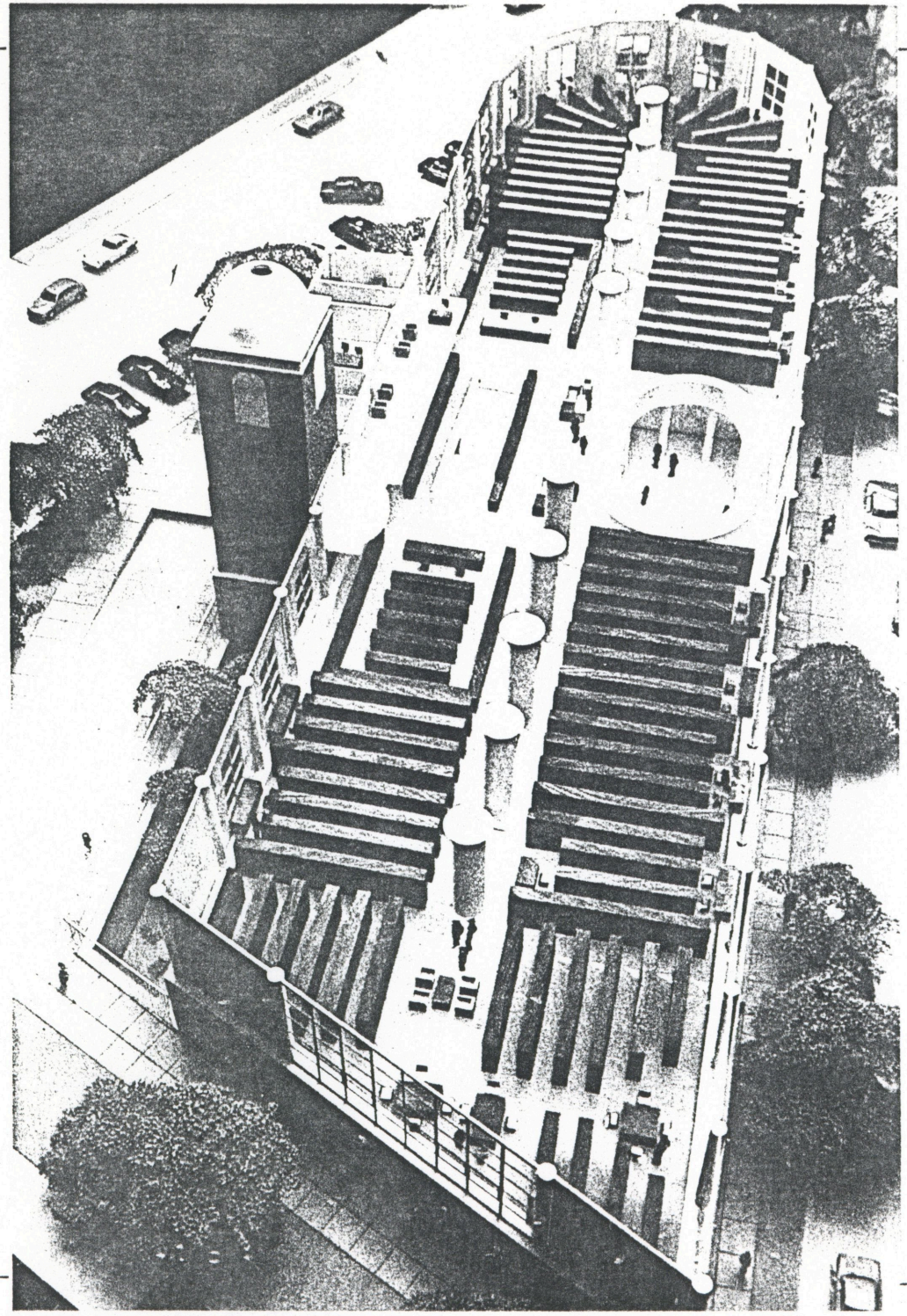
HAMMOND BEEBY AND BABKA, consulting architects
JOSEPH W. CASSERLY, City Architect
Frederick H. Hild Regional Library
Chicago, Illinois
Design: 1980-82
Construction: 1982-84 (est.)



The design of the library is addressed to its largely European community, in which civic pride runs high, and in which the old library had been an important element. The first level accommodates large public uses not requiring exterior exposure. Massive brick walls contain a series of arched, punched openings for major entry and grilled recesses that also serve as air intakes. This pattern continues around the building, with openings

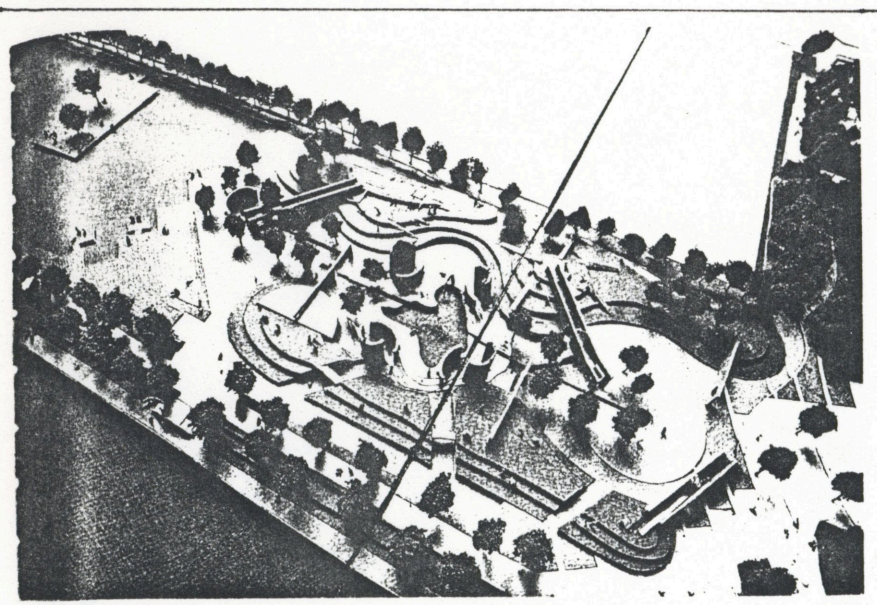


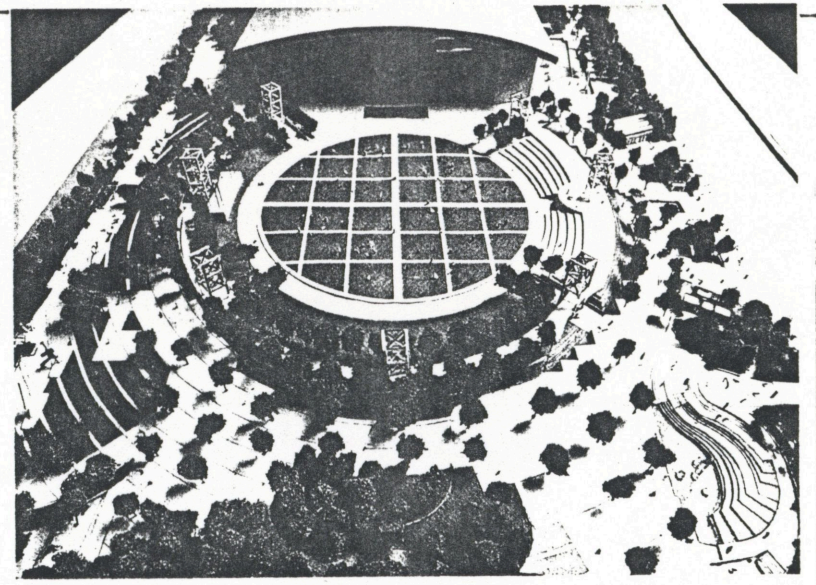
at the bowed south end to light the children's section, and windows to the east for children and short-term library users. The lobby, auditorium, and meeting room can be isolated for community use when the library is closed. The circulation desk forms the control point of the entire building, with grand staircases to the floor above. To its north will be areas for browsing, and audio-visual sections and children's department to the south.



IMPLICATIONS:

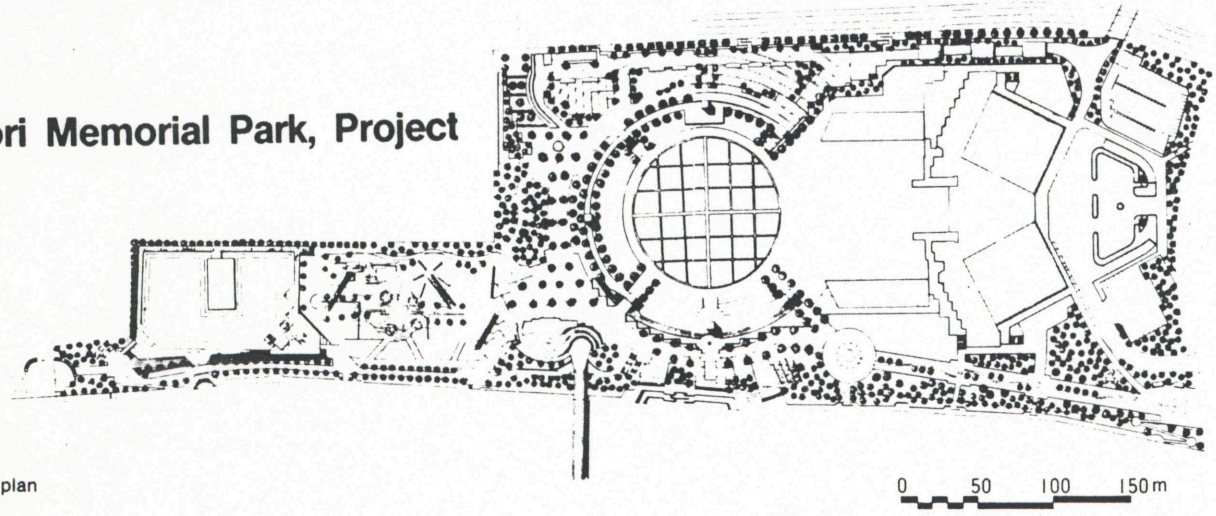
- A VERY SIMPLE PUBLIC LIBRARY
- NICE AND CLEAN ARCHITECTURAL FORM





Shiratori Memorial Park, Project

ARCHITECT :
MAN SENDA .
JAPAN .



Site plan

The city of Nagoya will celebrate its centennial in 1989 and one part of the plans for that observance is the creation of the (temporarily designated) Shiratori Memorial Park.

The planned site is 4 km south of the city, 1 km west of Atsuta Shrine and over 11 ha in area. The Horikawa River which passes through Nagoya runs to the east of the site, the surroundings are woody and there are many places of historical interest, like Atsuta Shrine, in the area. Transportation is also good.

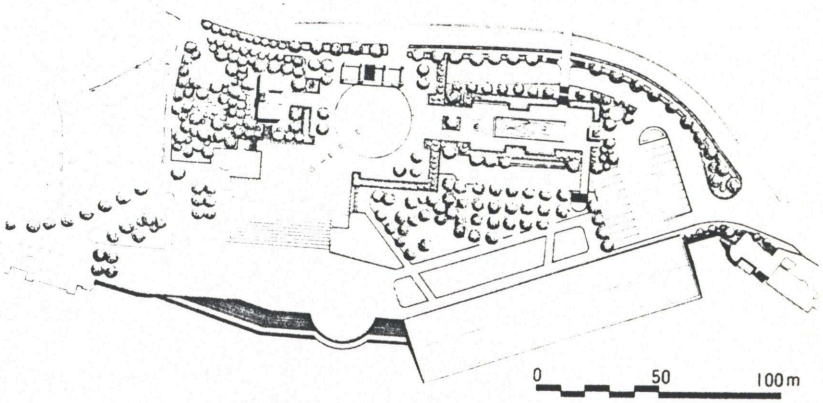
Something suitable to the site and appropriate to the city's centennial was sought, and the response was a plan for a complex including a theater, a multi-purpose hall, and a half open-air large-event arena. Complementing these would be an outdoor event plaza. In addition, along 700 meters of the banks of the Horikawa River east of the site is planned an open-air museum with various water features and cascades, a new type of museum with a variety of functions and unlike anything else in the country.

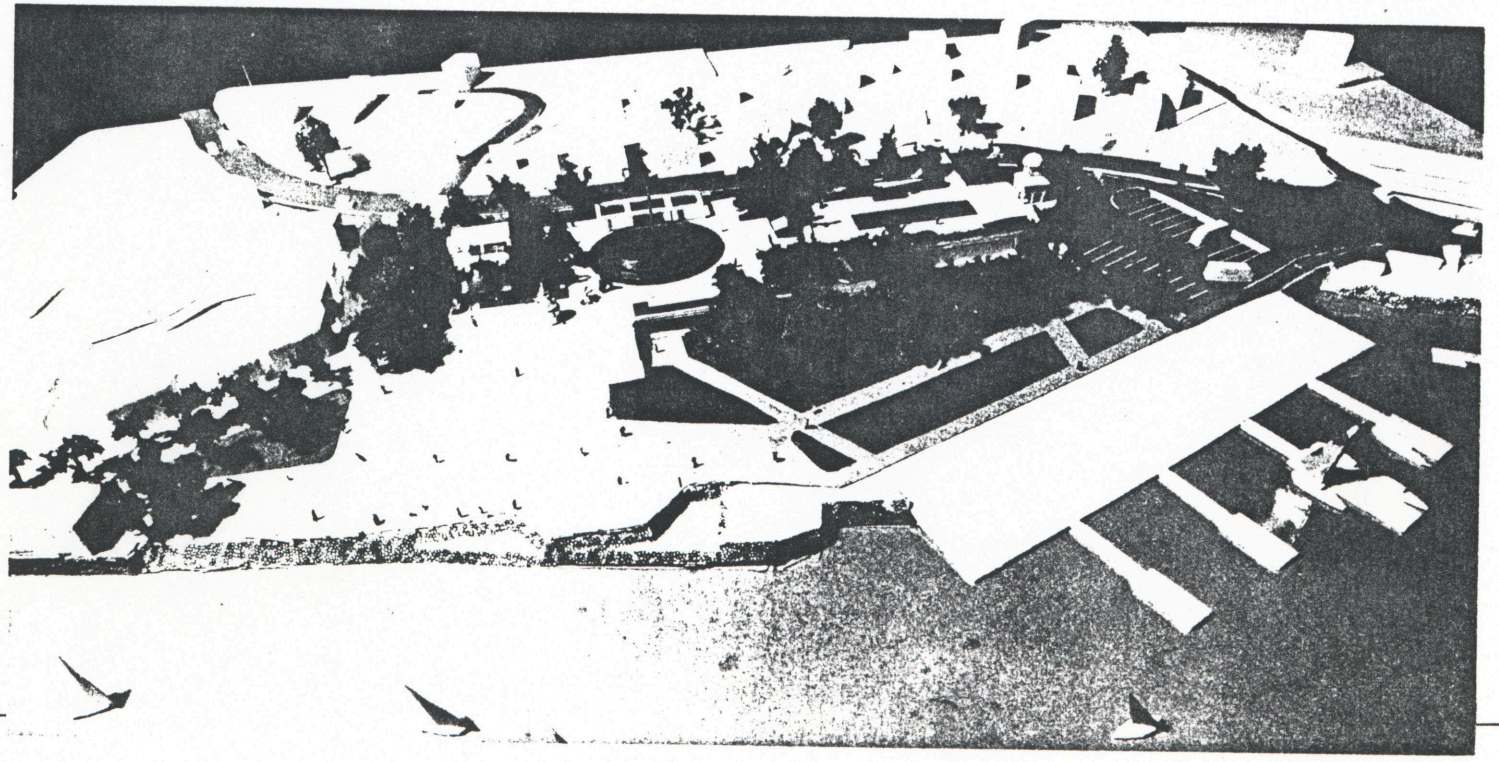
Lake Sagami Culture Park, Project

This plan was developed to bring to reality the concept of "focal point of woods, lake and creativity," a project of the "Bright Future Sagami River Plan" for Kanagawa and other prefectures.

The idea for the culture park arose in response to the impetus for a strengthening of the attractions of the Lake Sagami area, and an enrichment of its cultural life, and a plan for a focus zone, a development zone, a rink-shaped traffic and information zone, and an overall plan for the amplification of facilities of Lake Sagami Prefectural Park was drawn up.

As a base of tourism and recreation, the Lake Sagami Prefectural Park symbolizes the history of the lake and dam, and underscores the beauty of the lake and forests. On the shores of the lake is the Old Craftsmen's Village (Fujino machi), a destination of the Open-air Art Museum route, off of which is the Lakeshore Promenade, a place for art and events. Against the background of a grand staircase emphasizing the beauty of the lake and lending dynamism to events held there, cars are kept below ground and above is a plaza with a monument to the Sagami Dam Electric Plant's first generator and the culture park's information center.





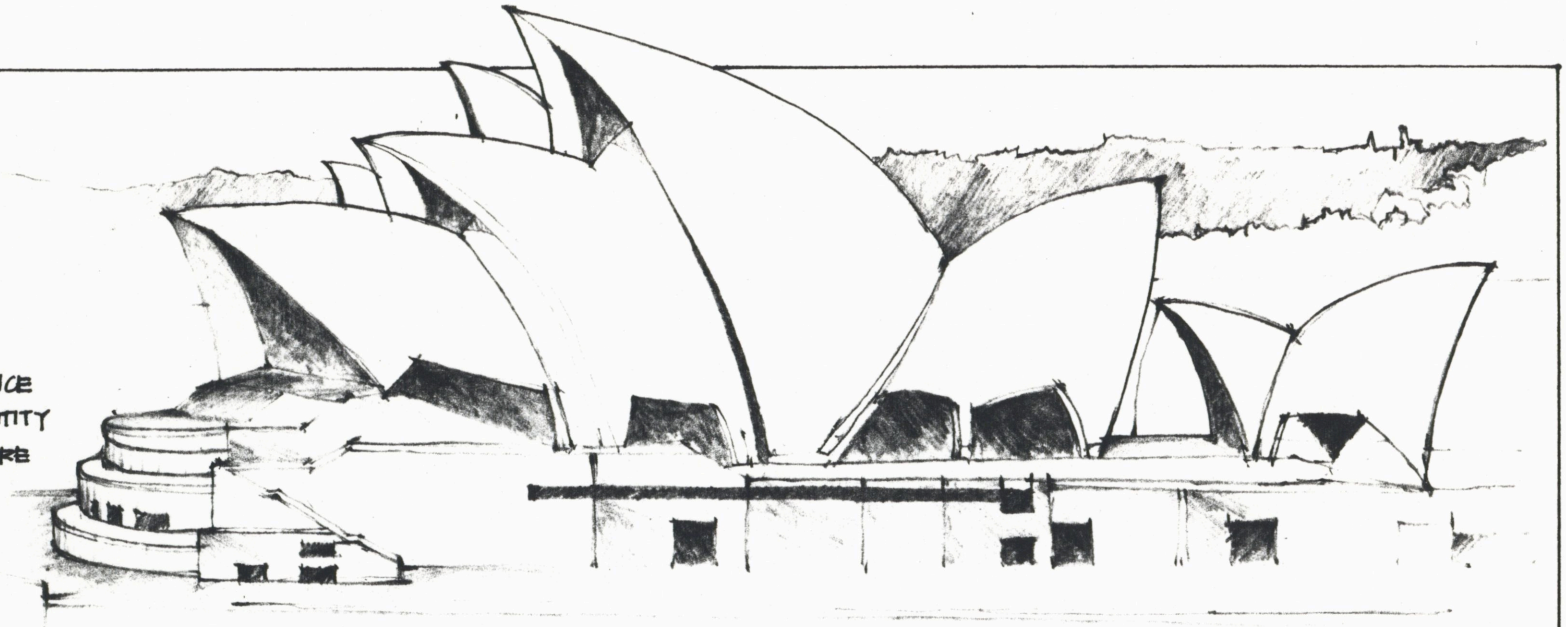


SCHEMES

IMAGES

IMPLICATIONS :

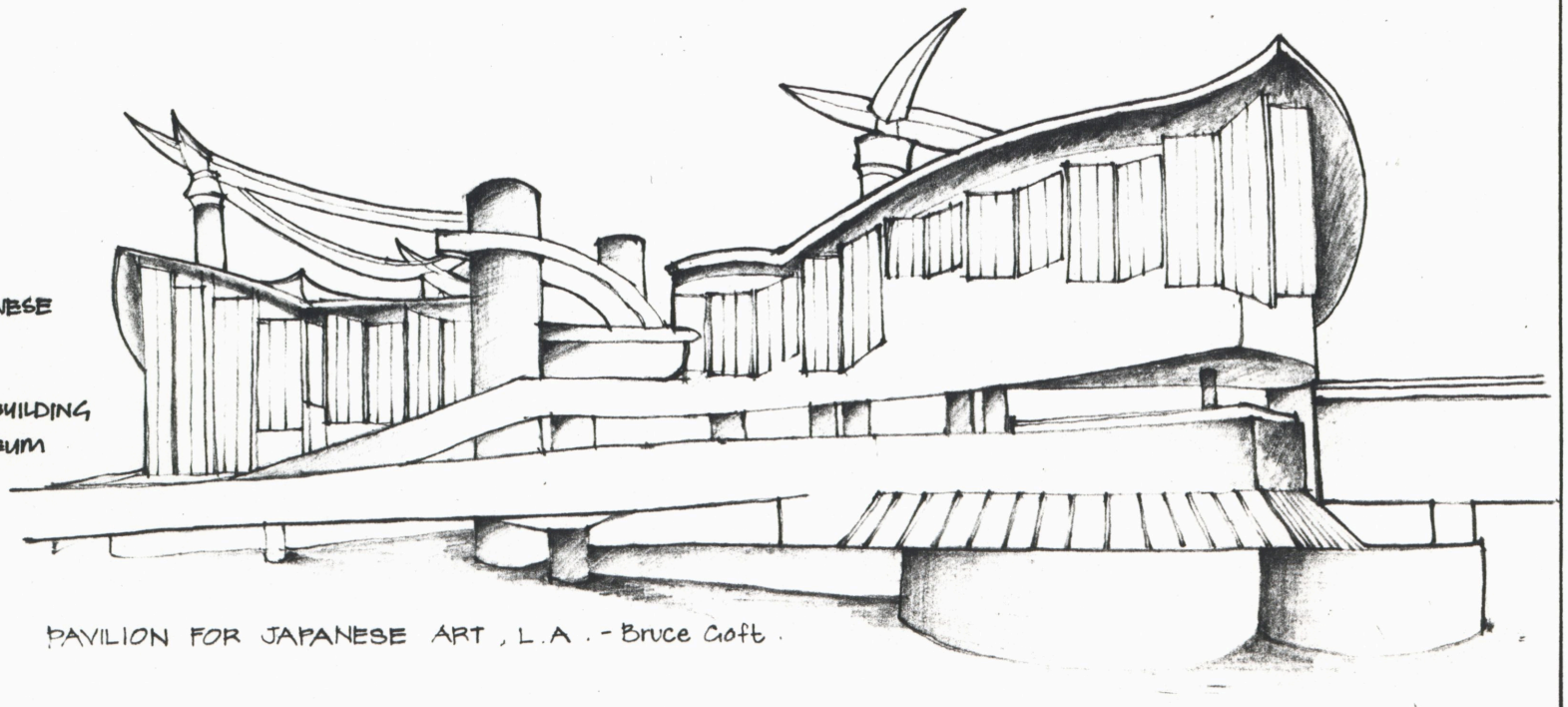
- UNIQUE IN APPEARANCE
- SELF-IMAGE AND IDENTITY
- INTERESTING STRUCTURE SOLUTION - SHELL



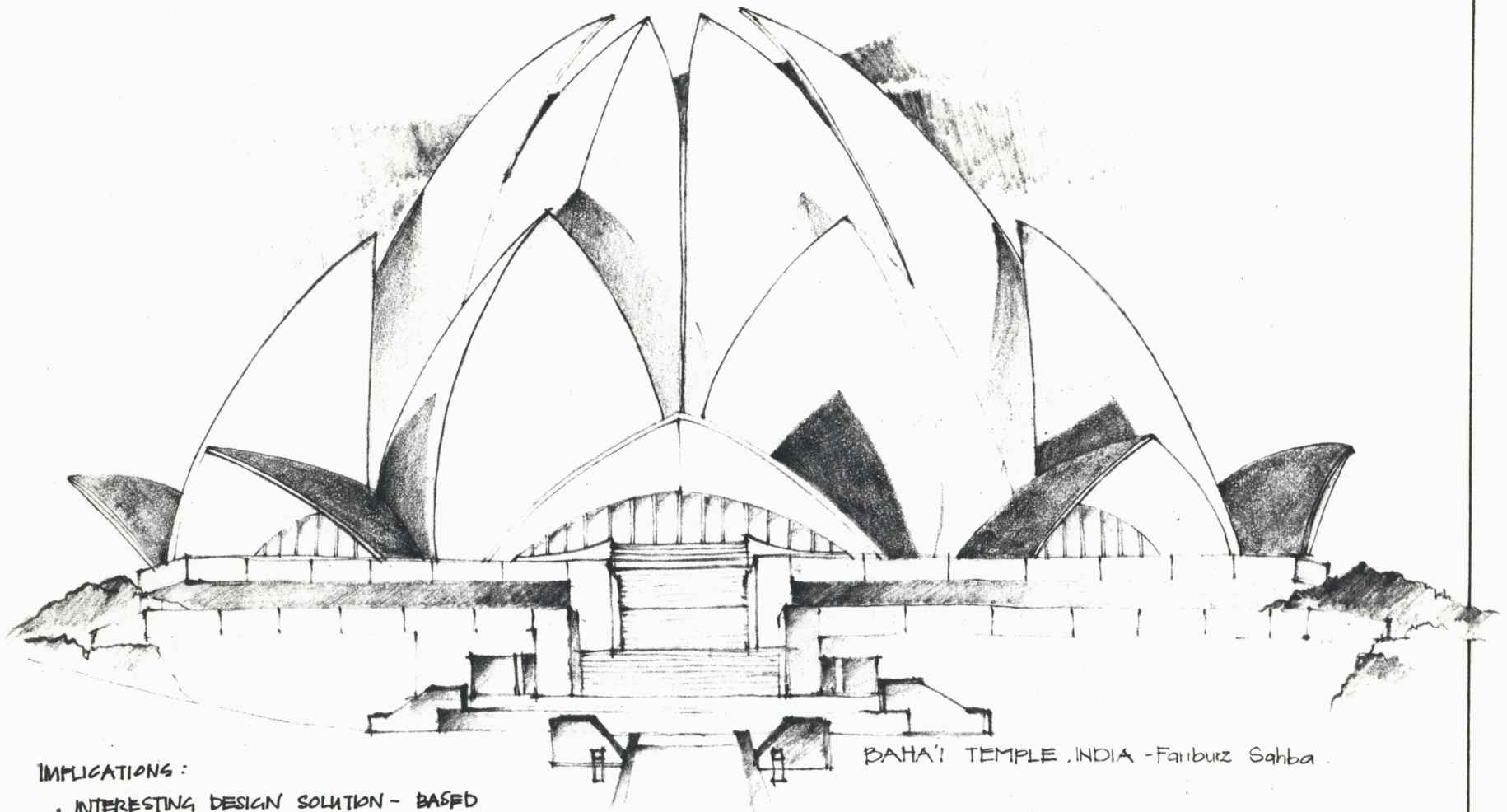
SYDNEY OPERA HOUSE - John Utzon .

IMPLICATIONS :

- NICE WAY OF USING MATERIAL
- REFLECT THE JAPANESE ARCHITECTURE
- GOOD CIRCULATION
- DECORATIVE - ARTS BUILDING - SUITABLE FOR MUSEUM



PAVILION FOR JAPANESE ART , L.A . - Bruce Goff .



BAHA'I TEMPLE, INDIA - Fariburz Sahba

IMPLICATIONS:

- INTERESTING DESIGN SOLUTION - BASED ON THE LOTUS, SACRED FLOWER
- THE PLAN - SIMPLE BUT STRIKING
- GOOD ARTICULATION OF LIGHT - COMING FROM THE TOP OF THE TEMPLE.





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BIBLIOGRAPHY

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FOOTNOTES :

1 WONG , GLOR . SEE BEAUTIFUL MALAYSIA .(KENSFIELD SDN. BHD. , 1986) pg. 4 - 6
2 KAMALSYAH . TRIWULANAN SHAH ALAM.(UTUSAN PRINTCORP , 1988) pg. 2 - 3
3 IBID . , pg . 10
4 TDC . , pg . 2
5 IBID .
6 IBID .
7 IBID .
8 IBID .
9 TDC . , INCENTIVE MALAYSIA . pg. 20 .
10 TDC . , VACATIONLAND MALAYSIA pg. 16
11 IBID . ,
12 IBID . .
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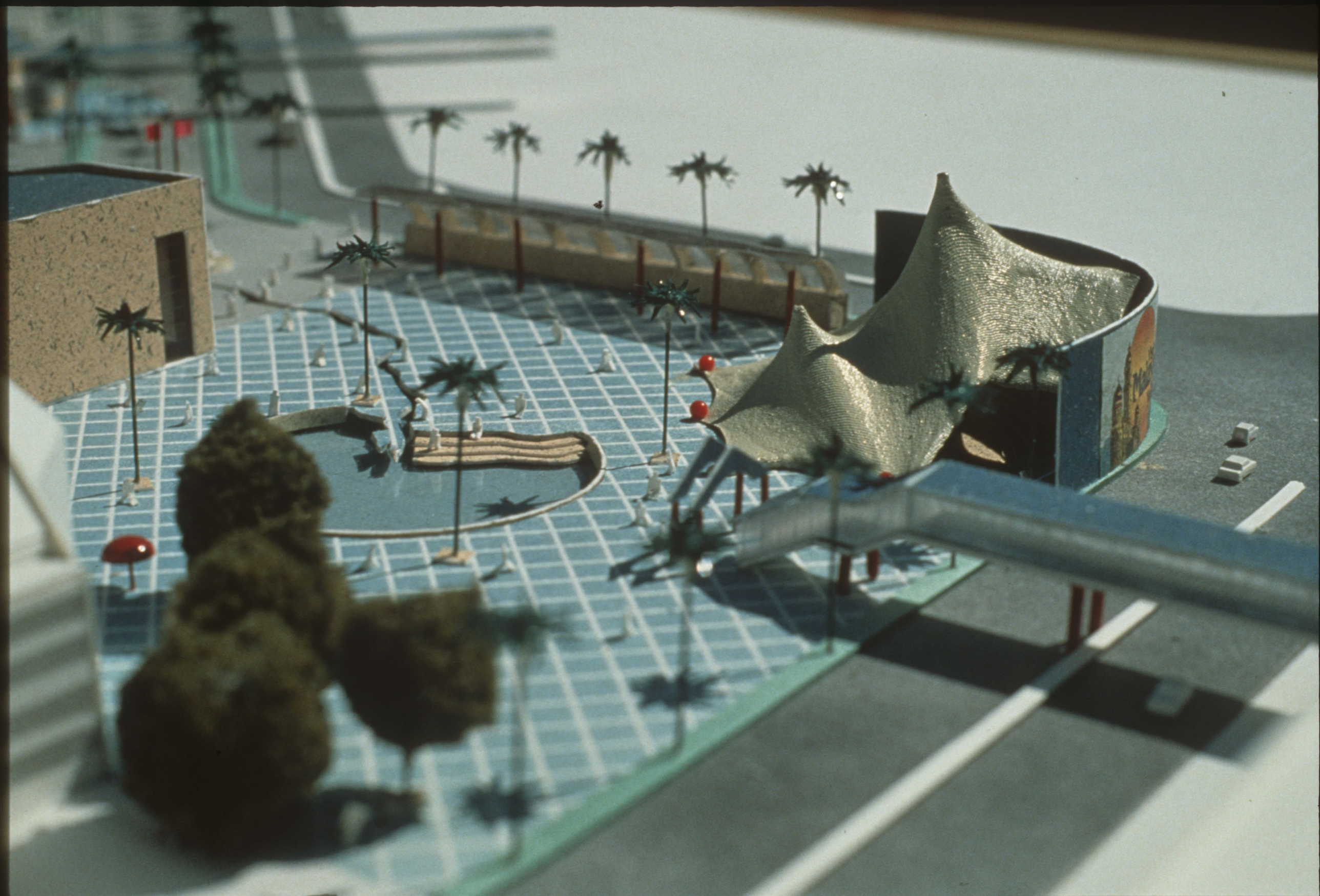
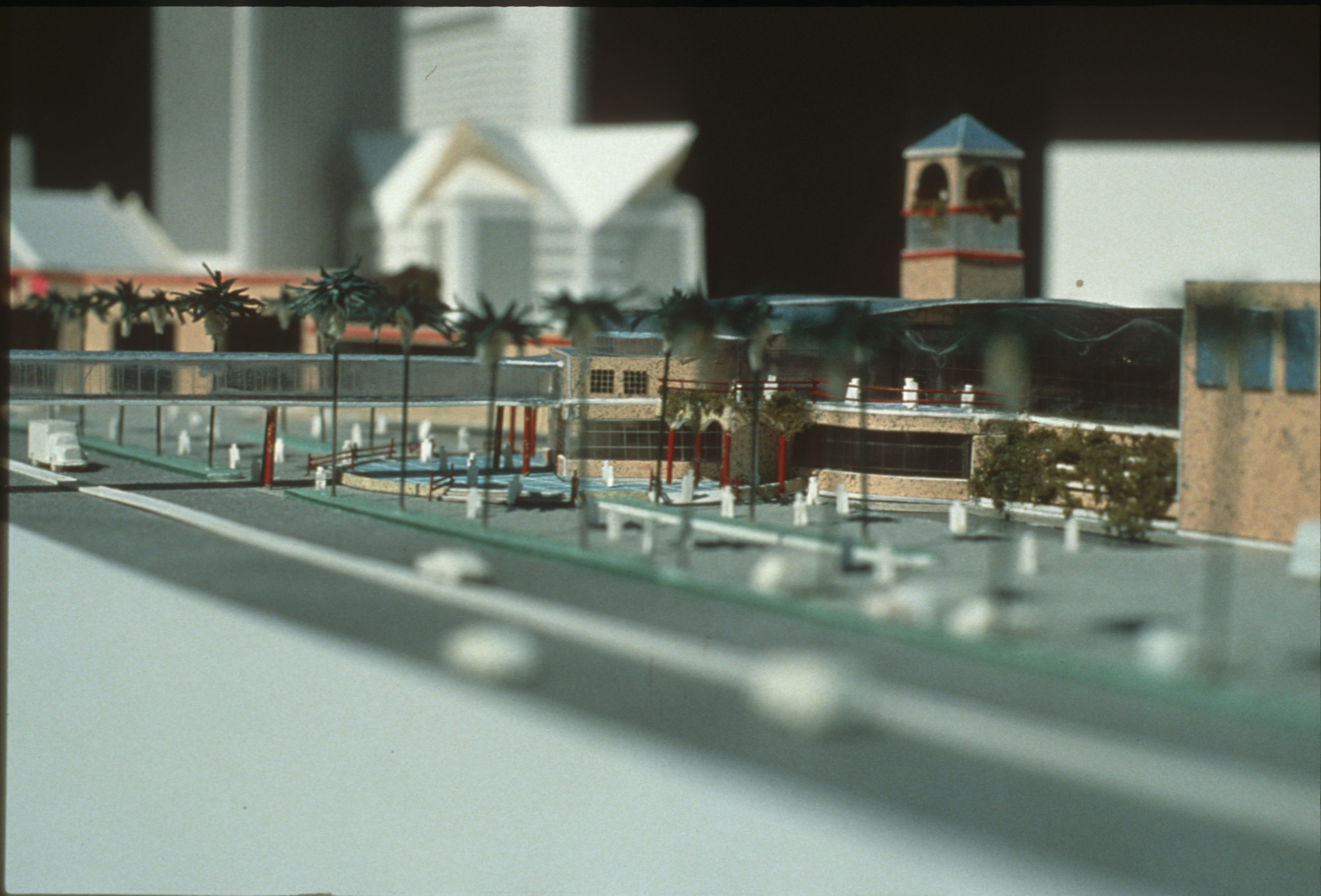



Visit
Malaysia
Year 1990
SHAH ALAM CIVIC
& CULTURAL CENTER





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