Portfolio

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Acknowledgements

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PROJECT 02 PHASE 02 GROUPMATE

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01 [re] Thinking informal public space for socialization considering the social distancing

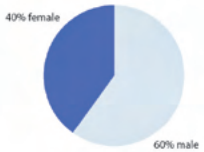
Site: **BOT TOLA**, BRAC UNIVERSITY, MOHAKHALI, DHAKA

Considering the Covid-19 situation; social distancing, occasional lock down, and respond of other users, we re-thought a space for informal socialization with friends, neighbors, peers, and also with 'mamas'-- cha-wala, ADDA spaces, play spaces etc. and designed accordingly.
This exercise focused on the outdoor urban spaces being used in everyday life, it's informality and dynamics of functioning in individual as well as in the community level. We learned from our own stories, to re-think and to transform the thoughts into design for shaping the space of everyday life.

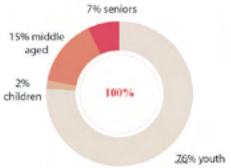
Project Duration: 03 Weeks

DEMOGRAPHIC ANALYSIS OF USER GROUP (perceived from observation)

GENDER

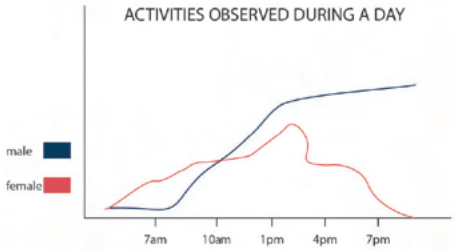


AGE GROUPS



OCCUPATION

ACTIVITIES OBSERVED DURING A DAY



USER GROUP BEHAVIOR - A DIVERSITY OF EXPERIENCE BY A DIVERSE GROUP

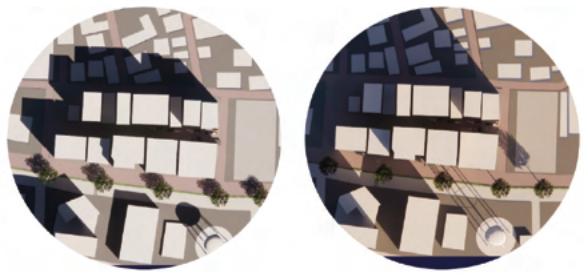
SO, THE DOMINANT USERES ARE YOUNG MALE STUDENTS THROUGHOUT DAY AND NIGHT

WITH LITTLE SUN REACHING THE STREET LEVEL, THE TALL BUILDINGS KEEP THE SPACE ALWAYS SHADED AND PROVIDE RELIEF FROM HEAD AND GLARE.

THE EAST-WEST STREET BECOME WIND TUNNELS DUE TO FINDING A SUDDEN CLEAR SPACE BETWEEN TALL BUILDINGS.

PREDOMINANT ACTIVITIES

MICRO CLIMATE

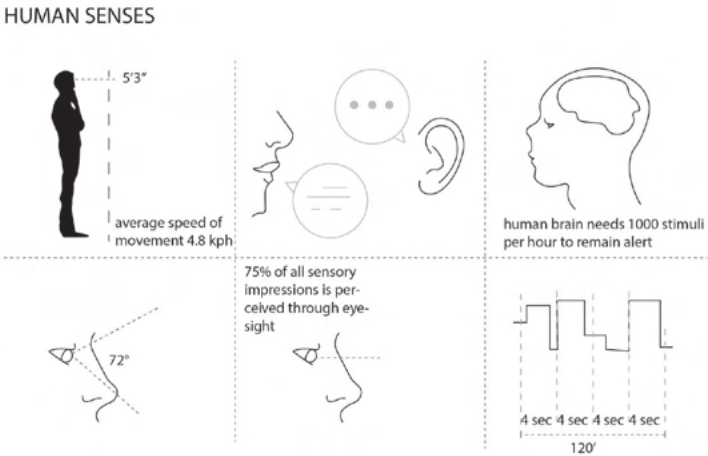


SUMMER WINTER

SURFACE PARKING INVADING PUBLIC SPACE

GROUND FLOOR FRONTAGE: VENDOR TYPES

HUMAN SENSES



IDENTIFYING ISSUES CONSIDERING SOCIAL DISTANCING

Potential:

FINE BASE FOR WALKING

Issue:

MINIMAL OPEN SPACE

- challenge for social distancing
- street parking of vehiclest invades public space
- no bicycle safety
- inaccessible to emergency vehicle

Potential:

ACTIVE DURING WORKHOURS

Issue:

UNBALANCED PEDESTRIAN CONGESTION

- challenge for social distancing
- unmanageable crowd during rush hours
- loss of safety during inactive time
- inadequate lighting

Potential:

GREAT TONG CULTURE

Issue:

ADAPTATION OF NEW NORMAL

- uncontainable number of users during rush hours
- challenging to maintain social distancing
- exposed food service
- absence of sanitization process

DESIGN STRATEGIES CONSIDERING SOCIAL DISTANCING

Potential:

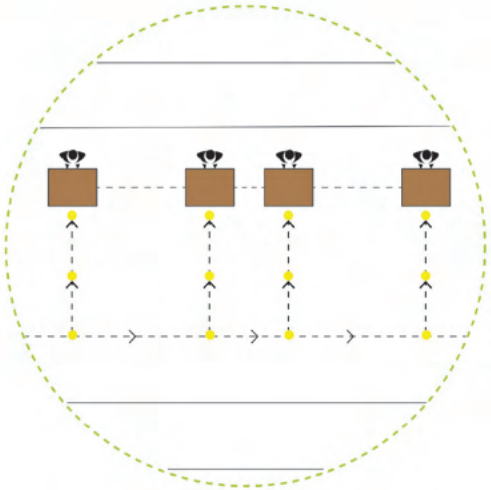
FINE BASE FOR WALKING

Issue:

MINIMAL OPEN SPACE

Strategy:

LEGIBILITY



- ensuring socially distanced footprint
- pedestrian priority
- no surface parking
- attractive walking route
- emergency vehicle access

Potential:

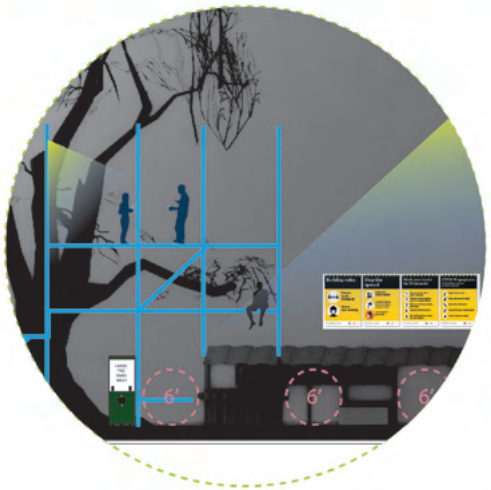
ACTIVE DURING WORKHOURS

Issue:

UNBALANCED PEDESTRIAN CONGESTION

Strategy:

INVITING STREETSPACE



- ensuring a space that invites people to visit, stay and interact
- a civic space throughout day and night
- well linked public space
- adequate lighting
- feeling of safety

Potential:

GREAT TONG CULTURE

Issue:

ADAPTATION OF NEW NORMAL

Strategy:

ROBUSTNESS & RICHNESS

- versatile public space
- attractive ground floor frontage
- platforms and parklets to maintain social distance
- regulation and distribution of gatherings
- introduction of handwash booths
- maintaining safe food service

02 Reviving of Mohammadpur Town Hall

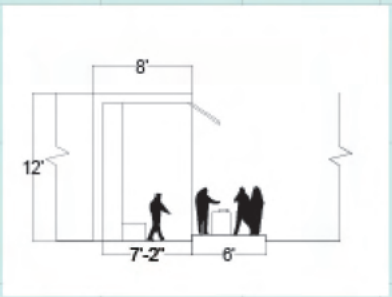
Usually, a town hall or city hall is a building of city administrative authority which is used for the administrative purpose for that city. The term 'hall' is used as the building usually accommodates a big hall room or assembly place where any meeting with councilors or stakeholders can be held. Gradually town halls in Europe, UK and Australia started to accommodate facilities for various civic and cultural activities, like, exhibitions, art shows, stage performances, festivals etc. Modern city halls are designed in a more flexible way so that these may cater the citizens in various way and can be identified as an iconic or symbolic place for the city, connecting the built environment with the social environment.
Mohammadpur Town Hall with its current functions, adjacent amenities and physical features serves various needs of the people of that locality. The areas' current features, physical structures and uses demands a series of serious investigations and evaluations so that its proposed design may meet the current and future needs in a flexible and comfortable way and at the same time it may uphold the identity of that place.

Project 02 was conducted in two phases.
1. Phase 01: We investigated the built and social environment and prepared the proposal for the area.
2. Phase 02: We prepared the detail design proposal of the built environment .

Project Duration: 11 Weeks

change in the need of community → change in activity pattern → change in the characteristics of the place

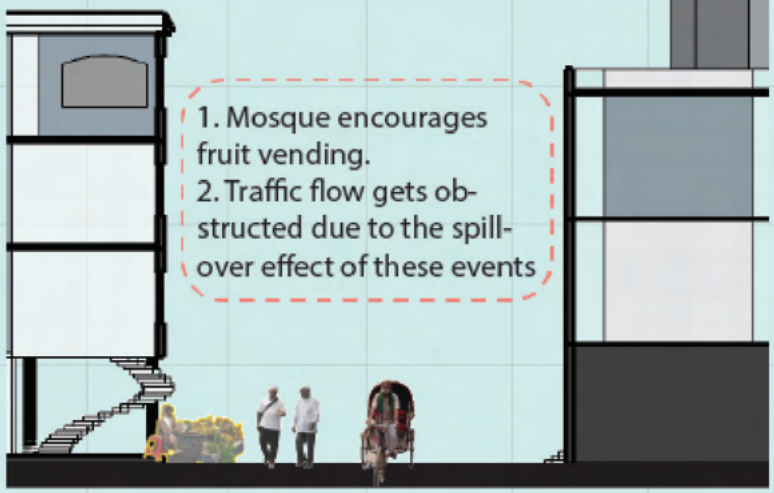
EDGE STUDY



Function + Add on function

The front surface acts as a backdrop for the informal vendors.

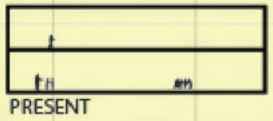
the informal vendors around the edge of the market attracts buyers easily & creates an opportunity of convenient shopping.

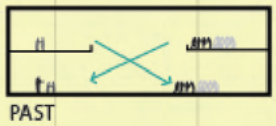


1. Mosque encourages fruit vending.
2. Traffic flow gets obstructed due to the spill-over effect of these events

ACTIVITY STUDY

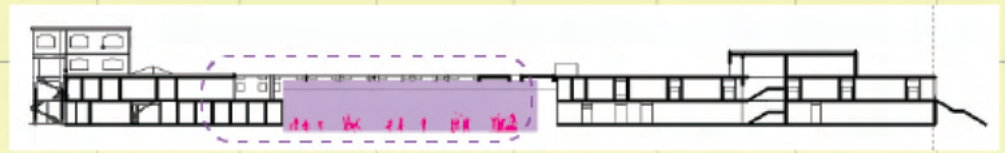
VISUAL CONNECTIVITY



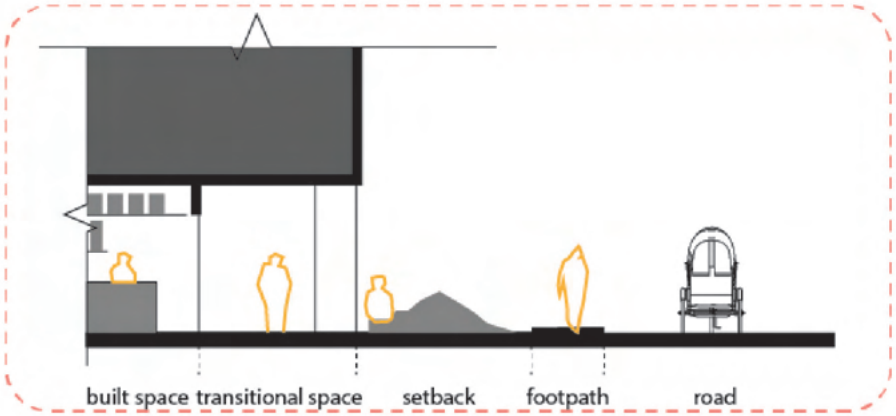


USER DISTRIBUTION PATTERN

1969 - 1998



1999 - 2021



KEY FINDINGS

The coexistence of the activities on edge creates a spill over effect on the open space which makes the functional relationship of the events between solids and open blurred.

The activity patterns evolved over time as the needs of the community shifted and a cultural space embraced the features of an commercial space.

1

STRATEGY

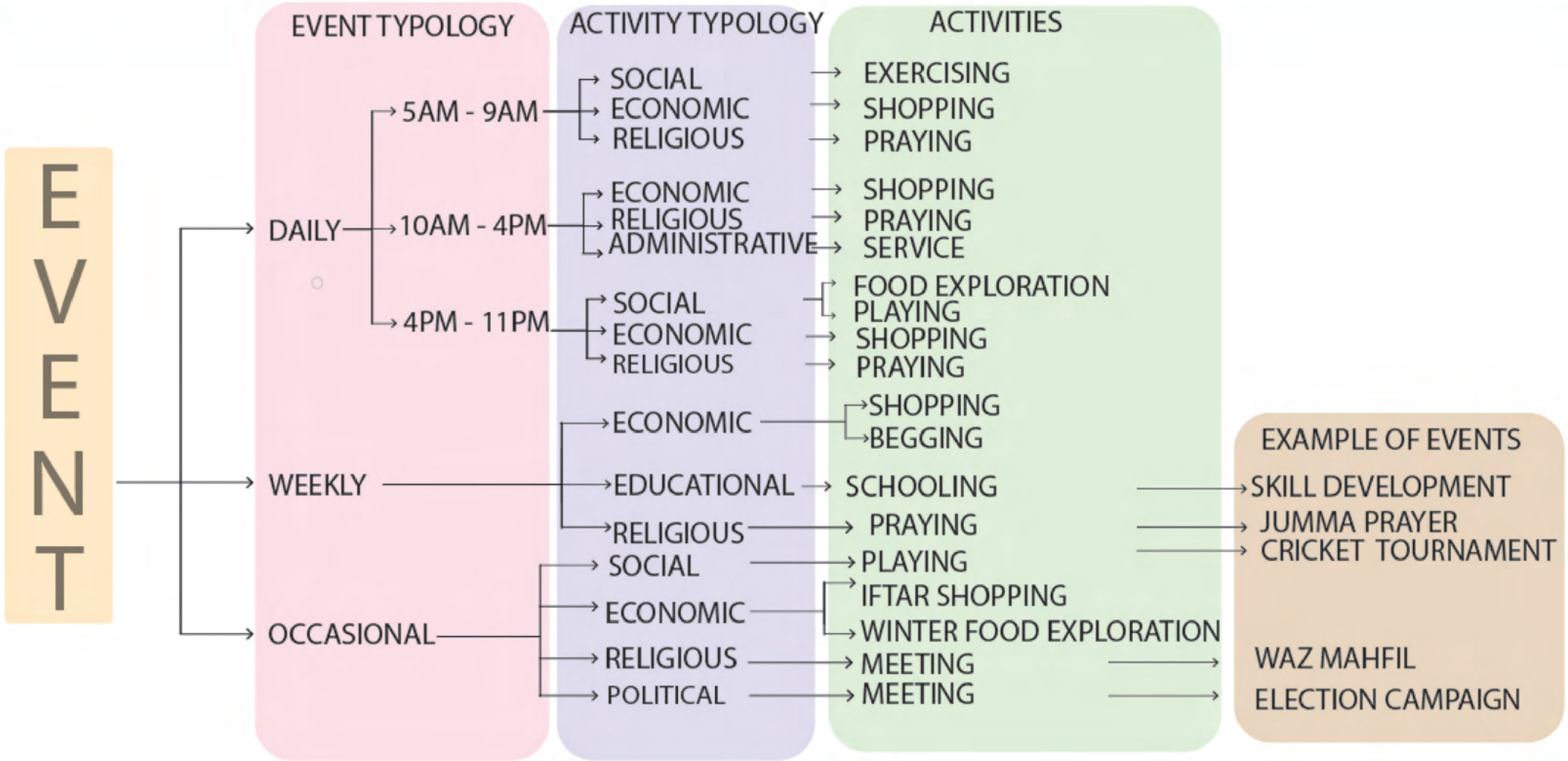
Celebrating the flexibility of the informal characteristics of the place by dissolving the edges of the townhall.

2

Identifying aspirations of the neighborhood contribute to enhance the symbiotic relationship between different forms of activities.

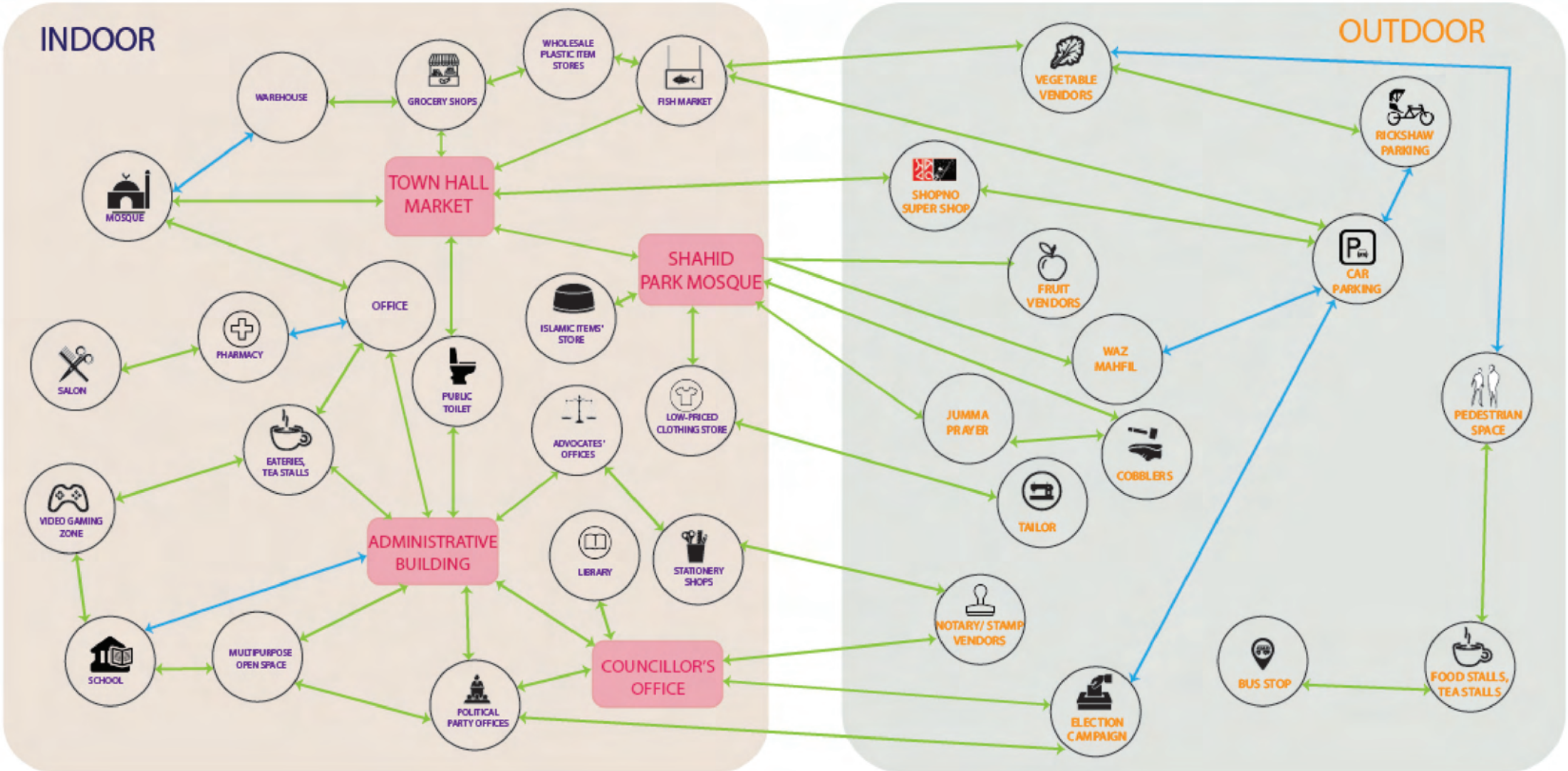
OWNERSHIP OF TOWNHALL

PROGRAM GENERATION



ACTOR'S INTERDEPENDENCY MAP

COMPLEMENTING RELATIONSHIP
CONFLICTING RELATIONSHIP



NEIGHBORHOOD ASPIRATION → PROGRAM GENERATION

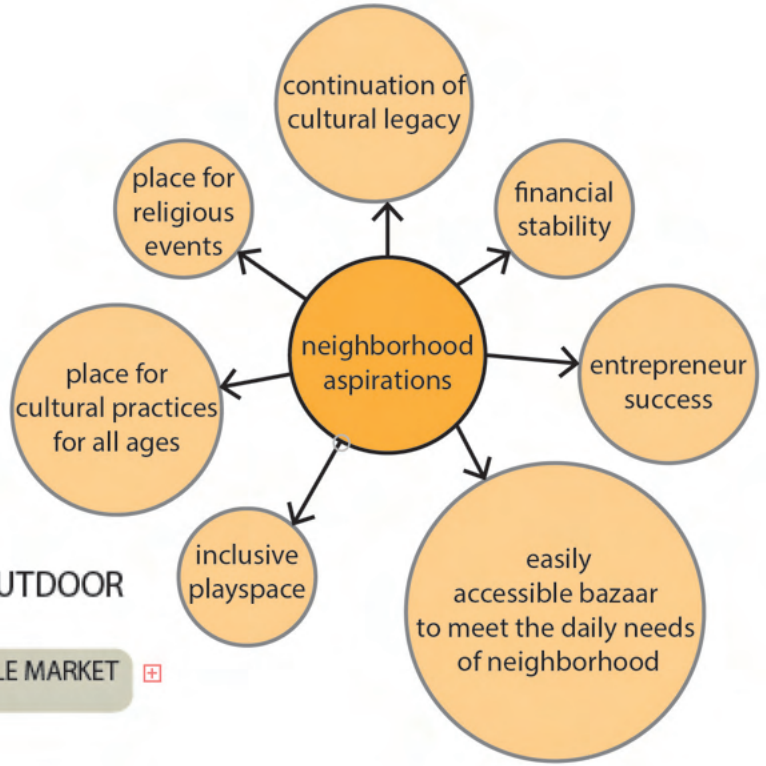
PROGRAM

SOCIAL PARAMETER
SP

- COMMERCIAL
- SOCIO-CULTURAL
- ADMINISTRATIVE

PHYSICAL FRAMEWORK
PF

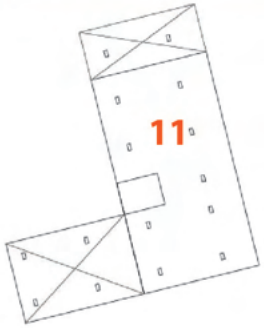
- INDOOR
- OUTDOOR
- SEMI-OUTDOOR



SP X PF	INDOOR	OUTDOOR	SEMI-OUTDOOR
COMMERCIAL	- DRY BAZAR - WET BAZAR	- WEEKLY BAZAAR	- VEGETABLE MARKET
	- THEMATIC MARKET - MOBILE MARKET - ELECTRONICS MARKET - CINEMA HALL - RESTAURANT - GAMING ZONE		- FOOD COURT
SOCIO-CULTURAL	- FITNESS CENTRE - SOCIAL CLUB - INDOOR PLAY AREA	- KID'S PLAY AREA - PLAY FIELD	- YOGA CENTRE
	- CULTURAL ACADEMY - LIBRARY - MULTIPURPOSE HALL	- COMMUNITY GARDEN - MULTIPURPOSE SPACE	
ADMINISTRATIVE	- OFFICE		- OFFICE

- MARKET
- SPORTS ZONE
- CULTURAL ZONE
- ADMINISTRATIVE

COMMERCIAL ADMINISTRATIVE BUILDING

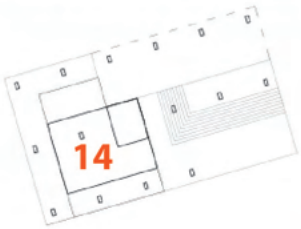


FIRST FLOOR PLAN

SECOND FLOOR PLAN

THIRD FLOOR PLAN

SOCIO CULTURAL BUILDING



FIRST FLOOR PLAN

THIRD FLOOR PLAN

ROOF FLOOR PLAN

MOSQUE

1st Floor

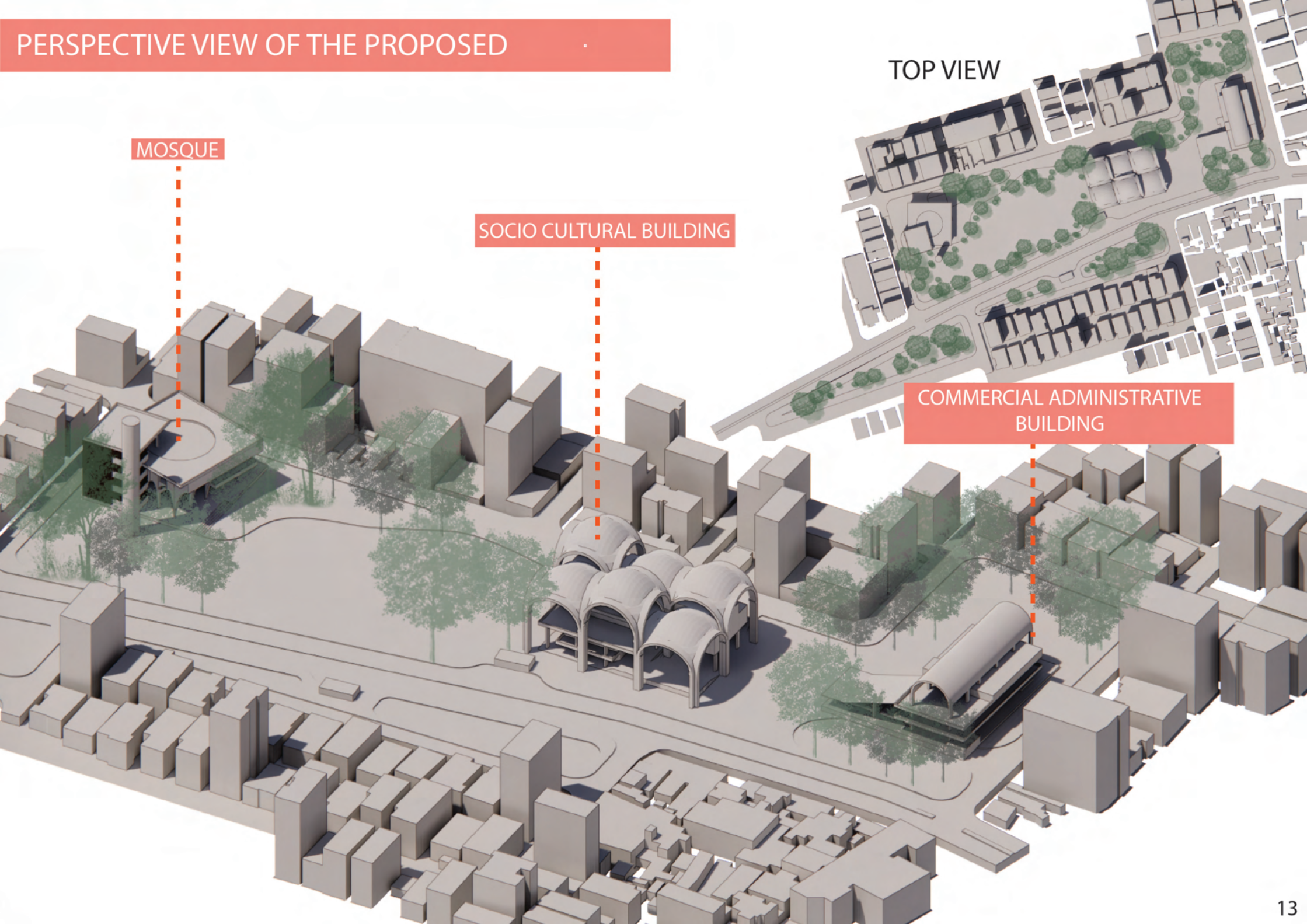
2nd Floor

0 15 30 60

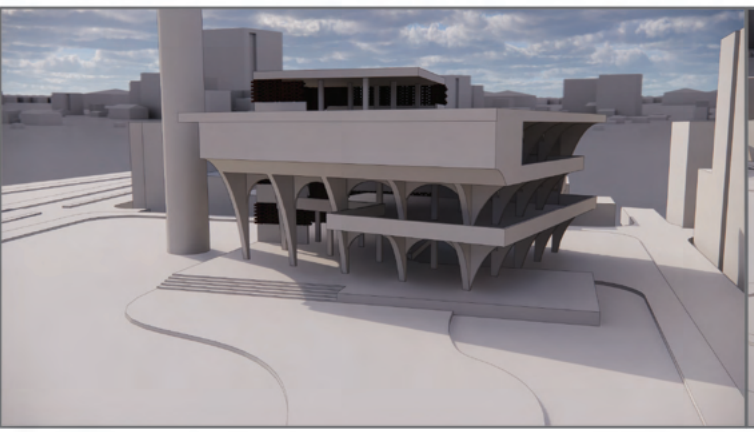
PROGRAMS

1. bazaar
2. amphitheatre
3. fitness center
4. mosque
5. plaza
6. community garden
7. bird house park
8. bus stop
9. kids' playzone
10. playfield
11. marktet
12. office
13. meeting place
14. library
15. banquet hall
16. cultural school
17. rooftop restaturant

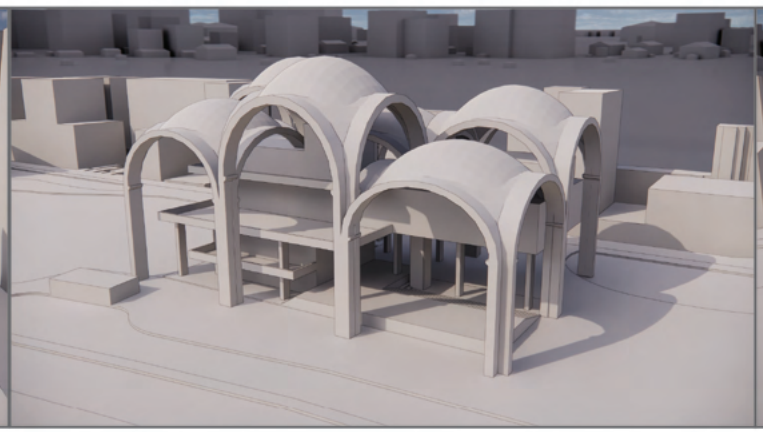
PERSPECTIVE VIEW OF THE PROPOSED



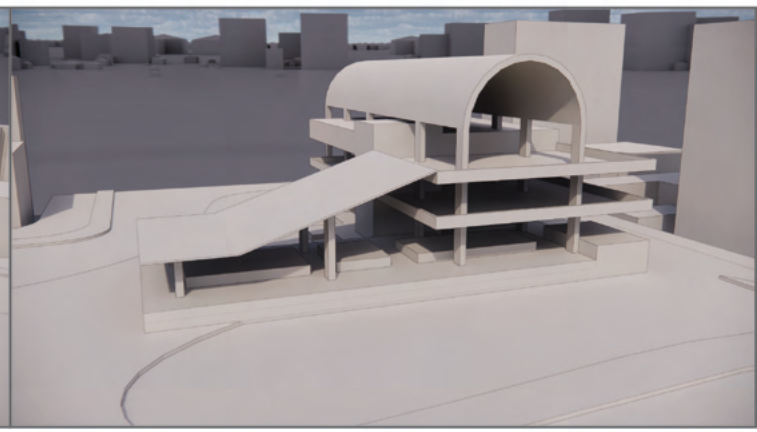
SECTION AA'



MOSQUE



SOCIO CULTURAL BUILDING



COMMERCIAL ADMINISTRATIVE BUILDING