

5-30-1962

A Transportation Center for Albuquerque, New Mexico

Andrew Schou Bol

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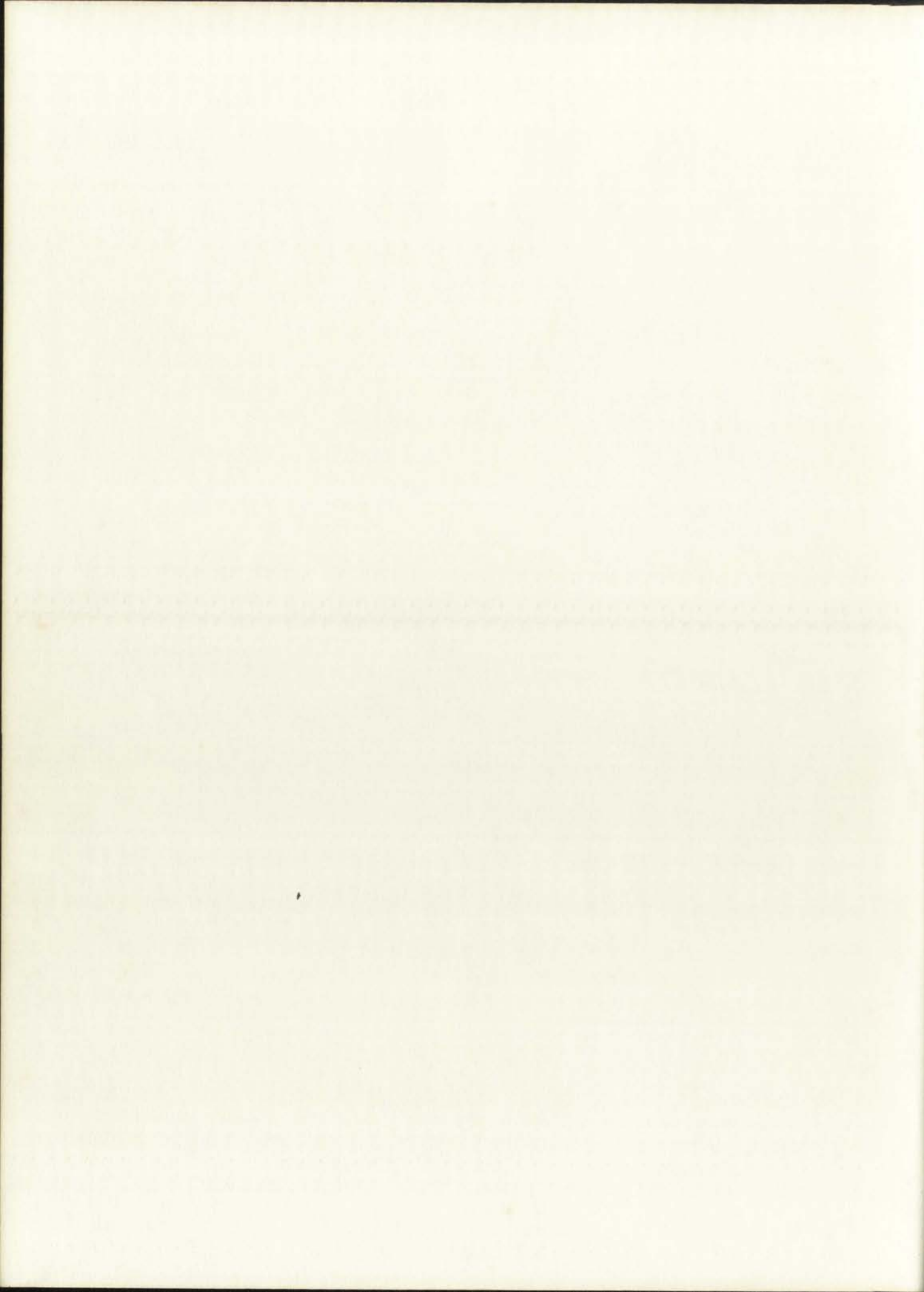
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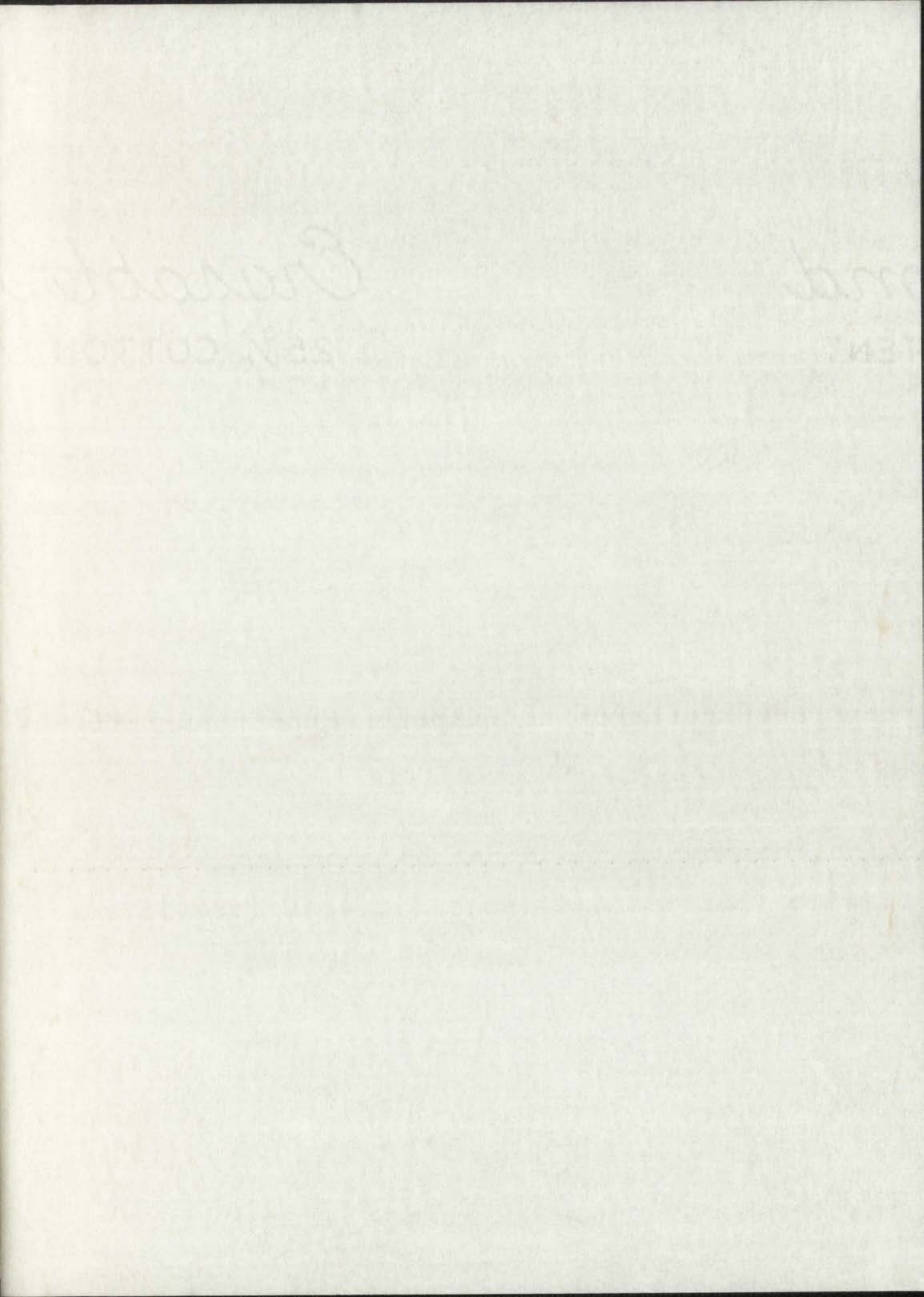
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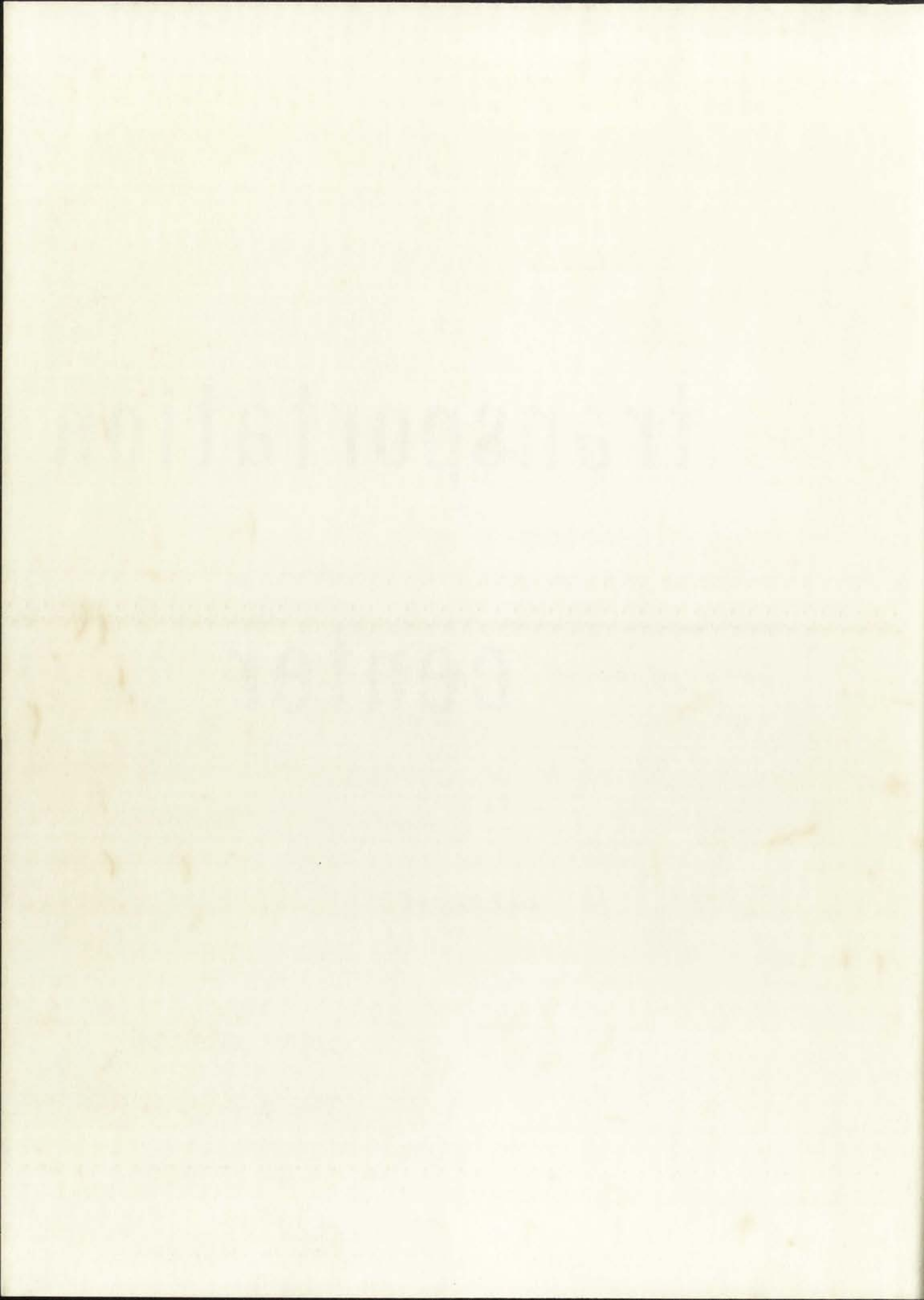


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transportation

center



A TRANSPORTATION CENTER
FOR
ALBUQUERQUE, NEW MEXICO

by

ANDREW SCHOU BOL


BACHELOR'S THESIS

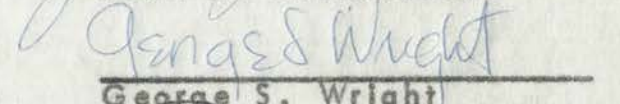
Presented to the Faculty of the Department of
Architecture, University of New Mexico, in
partial fulfillment of the requirements for the
degree of Bachelor of Architecture.

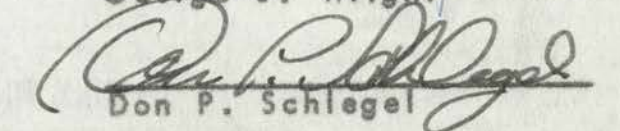
THE UNIVERSITY OF NEW MEXICO

DATE May 30, 1962

THESIS COMMITTEE:


John J. Heimmerich


George S. Wright


Don P. Schlegel

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Bachelor's Thesis Proposal

Transportation Center For Albuquerque, New Mexico

A. Forms of Transportation to include:

1. Bus Depot.
 - a) Greyhound Bus Company
 - b) Continental Trailways Bus Company
2. Railroad Depot
 - a) Santa Fe Railroad
3. Heliport
4. Taxi-cab Station
5. Car Rental Systems
 - a) Avis Car Rental
 - b) Hertz Car Rental

B. Support Facilities to include:

1. Hotel
2. Restaurant
3. Cafeteria
4. Transportation Center offices
5. Parking facilities
 - a) Guests
 - b) Employees

362705

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1912
No. 200
p. 2

Transmittal Form for ...

A. Name of Transmittal ...

- 1. The Board
- 2. Director ...
- 3. ...

2. ...

- a) ...

3. ...

- a) ...

4. ...

- a) ...

b) ...

5. Support facilities for ...

1. ...

2. ...

3. ...

4. ...

5. ...

a) ...

b) ...

Carroll

C. Site:

1. Site will be situated between Broadway and First, near Lead.

Erassable Po

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Page 12

The site will be situated between Broadway

and First, near food.

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TABLE OF CONTENTS

INTRODUCTION

NEED

ASSUMPTIONS

PROBLEM

DRAWINGS

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INTRODUCTION

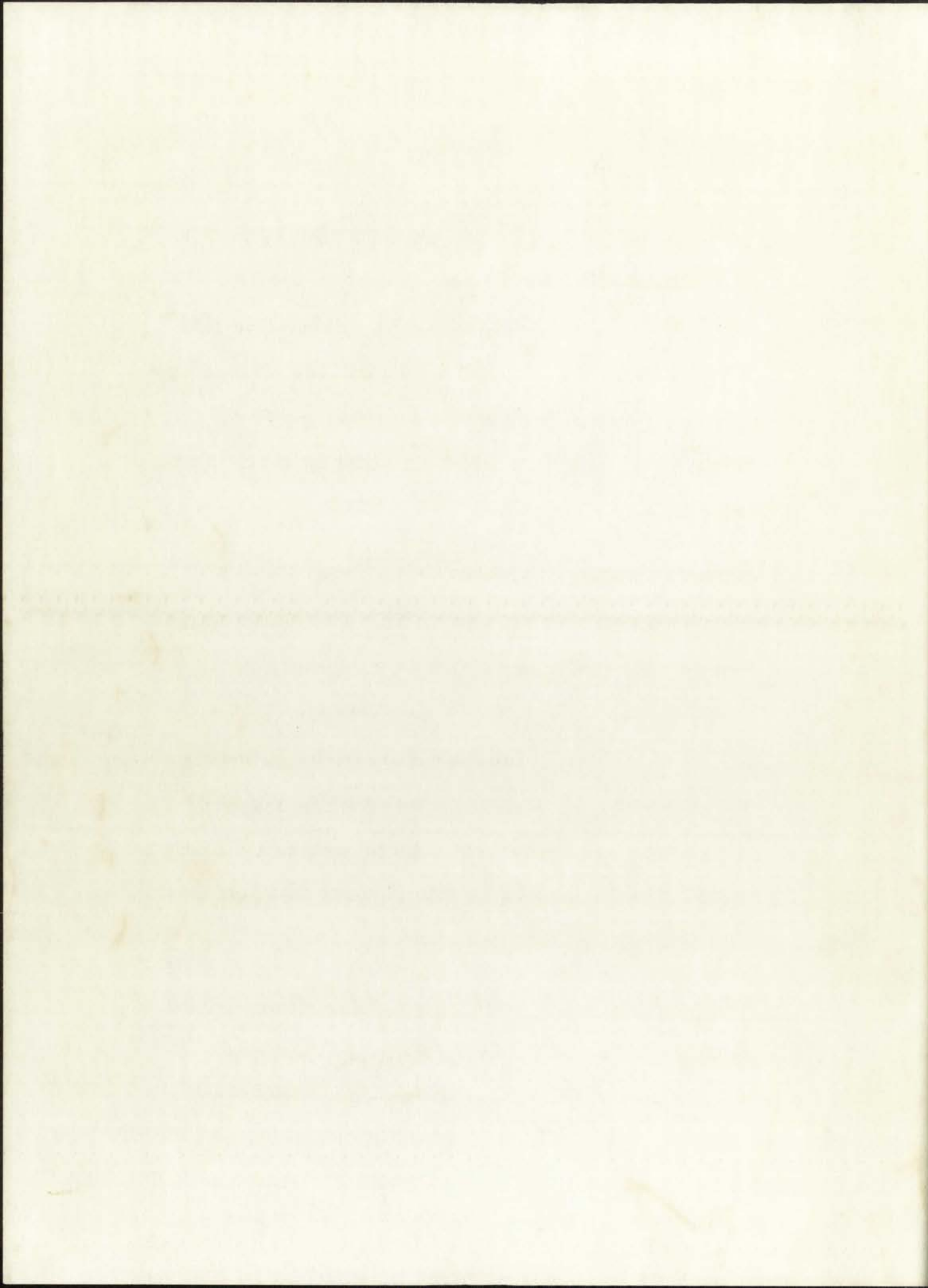
NEED

ASSUMPTIONS

PROBLEM

DRAWINGS

i n t r o d u c t i o n



INTRODUCTION

Public transportation is an evergrowing medium of transportation in the United States today. The need for an increasing number of vehicles is also growing rapidly. Although many of the transportation companies, such as the railroad systems, are dying there is still a need for them in their limited capacity.

The way the world of today functions, time is a very important part of our lives. The businessman converts time into money, and the vacationer converts time into pleasure. With time as important as it is, more time should be saved in every way possible. Time, as an important element of transportation, should and can be converted to a better use, by consolidation of many transportation systems into one.

Albuquerque, New Mexico is a prime example of where time is wasted when changing from one medium of transportation to another. The traffic

INTRODUCTION

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Albuquerque, New Mexico is a prime example of where time is wasted when changing from one medium of transportation to another. The traffic

COTTON CO.

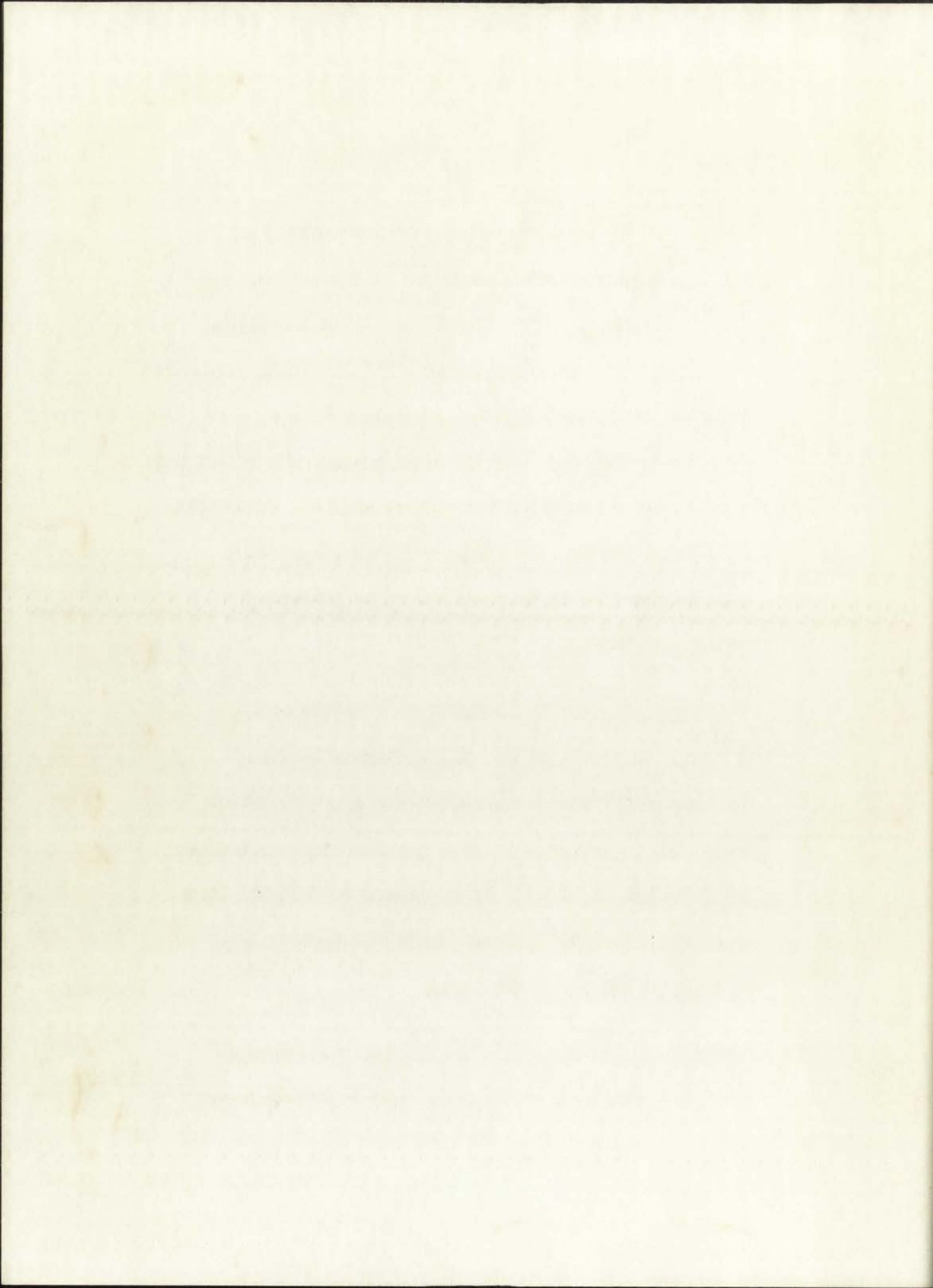
system within downtown Albuquerque is certainly a hindrance to speedy, efficient bus and cab transportation. The city airport does not have a bus system to and from the downtown area but it is serviced in a limited capacity. It is also serviced by a limited number of taxi-cabs.

Crashable Boxes

25% COTTON CONTENT

system within downtown Albuquerque is certainly
a hindrance to speedy, efficient bus and cab
transportation. The city airport does not have
a bus system to and from the downtown area but
it is served in a limited capacity. It is also
served by a limited number of taxi-cabs.

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NEED

There is a need for a consolidated center of all the transportation systems in Albuquerque. The 1960 census made in Albuquerque has given evidence of a population of 201,189. The projected population growth for Albuquerque in the year of 1980 is 750,000. This information was obtained from studies made by the transportation companies of Albuquerque. The city will be growing in population and is in need of more efficient transportation.

The Port of New York Authority Building is a prime example of consolidation of systems into an efficient Transportation Center, which function as one. With the population projection of 750,000 in 1980 it is apparent that there is a definite need for a Transportation Center in Albuquerque, New Mexico.

Statistics, obtained from district managers of transportation companies within Albuquerque,

Handwritten signature

STATE OF CALIFORNIA

County of _____

of 1980 / s 100,000, for the year 1980

the state has been assessed at the rate of

of 100,000, for the year 1980

and the state has been assessed at the rate of

of 100,000, for the year 1980

and the state has been assessed at the rate of

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and the state has been assessed at the rate of

of 100,000, for the year 1980

give evidence of a projected passenger growth
of ten times the amount carried now.

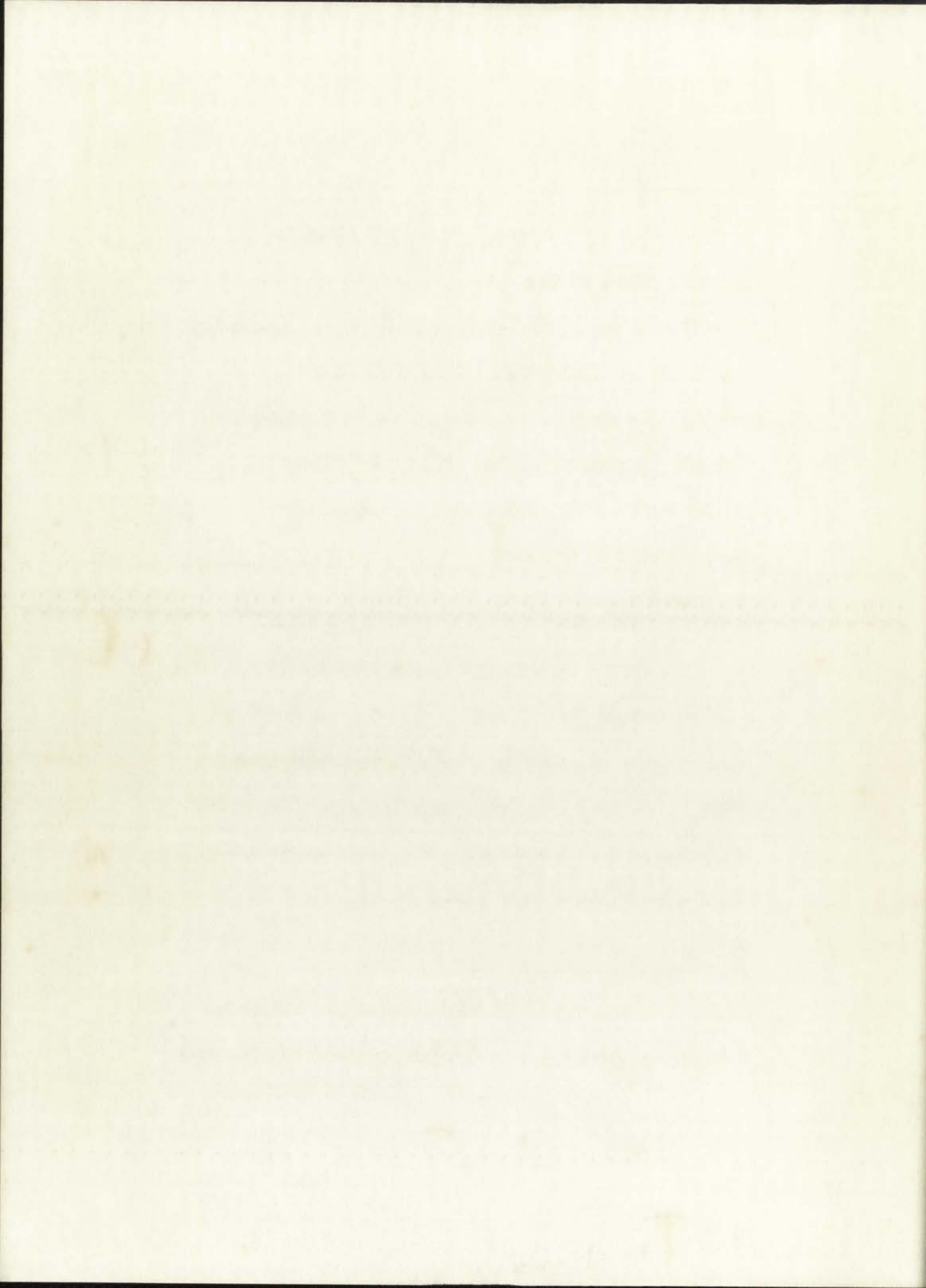
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give evidence of a projected passenger growth

of ten times the amount carried now.

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assumptions



ASSUMPTIONS

With such a center proposed next then is the selection of the site. The site selected is between Broadway and First Streets, spanning the Santa Fe Railroad. This location is selected because of the ownership of property. The site is owned by the Santa Fe Railroad, which will be the principal owner of the Transportation Center.

It is feasible that the city in conjunction with the Santa Fe Railroad will assume the cost of the building project. The name of the corporation will be A.S.T.A., Albuquerque Santa Fe Transportation Association. The other transportation companies will lease space within the complex from A.S.T.A.

Research into the problem of competition between various types of transportation indicates that competition promotes progressive ideas, and

ASSUMPTIONS

With such a center located near the
the location of the site, the site
is between Broadway and West Street, adjacent
the South 2nd Street. It is located in
selected because of the availability of parking.
The site is owned by the District of Columbia,
which will be the principal user of the
Transportation Center.

It is assumed that the site is located
with the South 2nd Street and West Street
part of the building project. The name of
the decoration will be "The Transportation Center".

The Transportation Center is a
transportation complex that will serve as
the complex from A. The Transportation Center
facilities into the greater of competition and
twice as fast as other transportation
that competition would be a positive factor.

is good for business. The managers of the various forms of transportation feel that the center will promote business.

Time saved in changing from one type of transportation to another will be at a maximum. This in itself is a reward to the traveler who may use this center.

The hotel facilities will provide rest and comfort for all travelers. Many of the passengers entering Albuquerque either by bus, train or air want overnight lodging. Many of these passengers are businessmen who want to be able to arrive by air and then immediately rent a car and a hotel room. The Transportation Center will provide all the necessary facilities for the hurried businessman or the leisurely vacationer.

The Heliport will function as the nucleus of many satellite stations. There will be heliports in Santa Fe, Bernalillo and other satellite

is good for business. The more we know
without being in business, the more we know
center will receive better.

This is the spirit of the new era of
transformation is not just a change
This is the spirit of the new era of
may not be a profit.

The hotel facilities will provide the
contact for all visitors, and we are

but starting to provide a new kind of
of the past era.

however, we believe that we are
to enter the new era.

and a hotel room. The hotel room
will provide all the services.

business and the hotel room.

The hotel will provide all the services
may not be a profit.

to provide the services and other services.

communities around Albuquerque. These communities will be serviced by helibusses, which will have a capacity of 40 people. The minimum load capacity for a helibus, to function economically, is five. These figures were obtained from Mr. C. Scharrer, the city Aviation Director.

In order to facilitate easy and fast transportation between the airport and the Transportation Center, a jet air lift bus is proposed. This air bus will have to run on a special thruway, cleared for the specific purpose of traveling to and from the airport. With the development in jet propulsion along with the development of the air life vehicles, this air life bus system is a promising future mode of transportation.

The problem of maintenance and service will be handled on a contract basis, with outside maintenance shops. There will be no facilities for major overhauls within the A.S.T.A. complex.

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100% COTTON CONTENT

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...and for the...
...from the...
...let...
...the...
...it...
...The...
...be...
...and...
...for...

The problems of system changes, hotel facilities, car rentals, and all intra city transportation will be solved by having all the different modes of transportation within one transportation complex.

With the inexhaustible possibilities of new and various types of public transportation there is but one answer to the problem and that is that there is a definite need for a flexible, expandable transportation center.

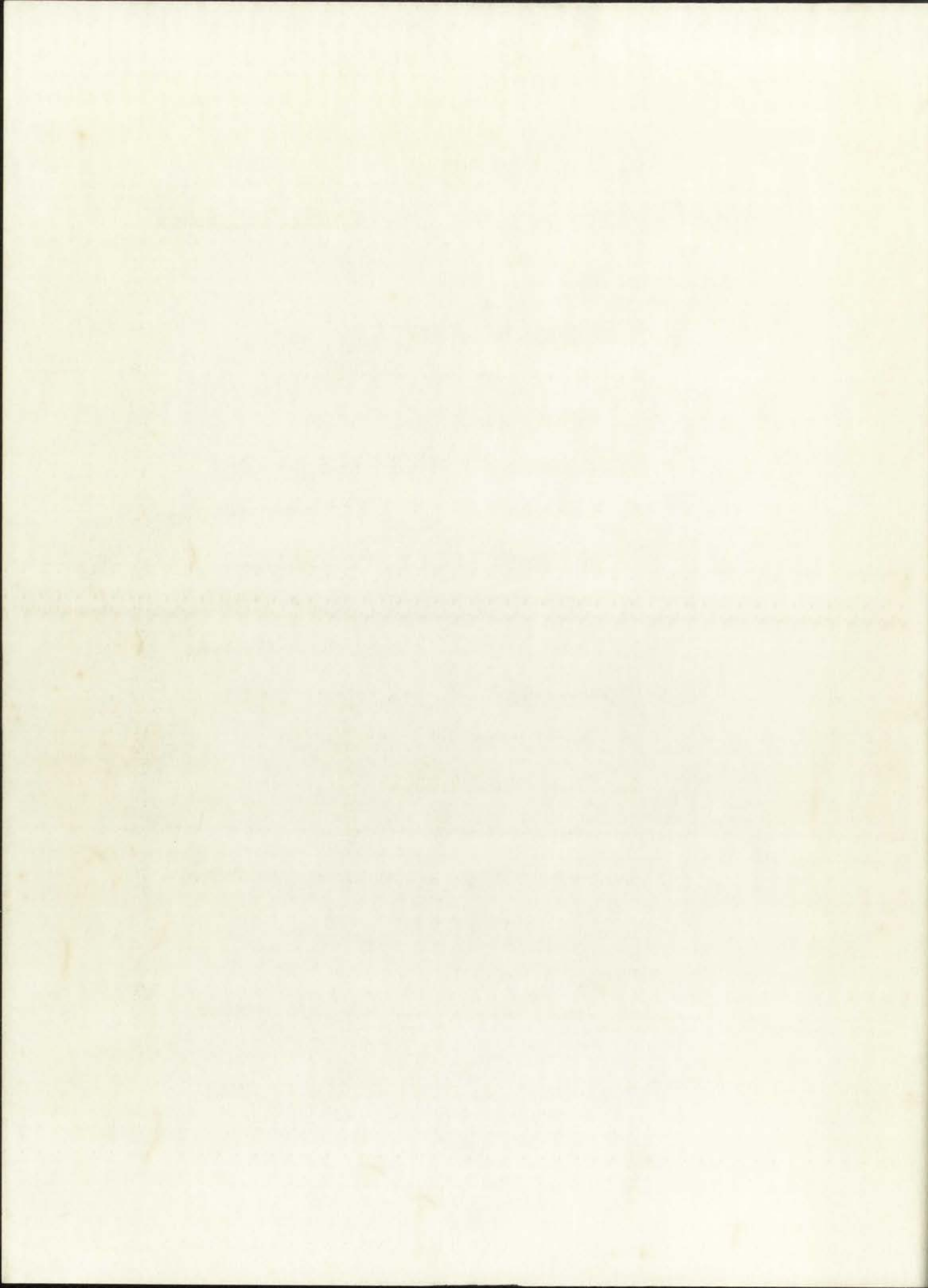
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The problem of system changes, hotel
facilities, car rentals, and all other city
transportation will be solved by having all
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With the innumerable possibilities of new
and various types of public transportation
there is not one answer to the problem and
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flexible, expandable transportation center.

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Statement of Problem

Transportation Center for Albuquerque, New Mexico

I. Bus Depot

A. Greyhound Bus Company

1. Lobby - waiting room.
2. Toilet facilities.
3. Baggage check station.
4. Embarkation and debarkation center.
 - a) Capacity of 4 busses.
5. Station for area ticket manager.
6. Small repair shop and fuel station.

B. Continental Trailways Bus Company

1. Lobby - waiting room.
2. Toilet facilities.
3. Baggage check station.
4. Embarkation and debarkation center.
 - a) Capacity of 4 busses.
5. Station for area ticket manager.
6. Small repair shop and fuel station.

Statement of Program

Transportation Center for Albuquerque, N.M.

1. Bus Depot

1. Greyhound Bus Company

1. Lobby - waiting room
2. Ticket facilities
3. Baggage check station
4. Examination and inspection center
5. Capacity of 5 buses

2. Station for new ticket machines

3. Small repair shop and fuel station

2. Continental Trailways Bus Company

1. Lobby - waiting room
2. Ticket facilities
3. Baggage check station
4. Examination and inspection center
5. Capacity of 4 buses
6. Station for new ticket machines
7. Small repair shop and fuel station

II. Railroad Depot

A. Santa Fe Railroad

1. Lobby - waiting room.
2. Toilet facilities.
3. Baggage check station.
4. Embarkation and debarkation center.
 - a) To be located over present location of tracks.
5. Station for area ticket manager.

B. Railway Express Agency

1. Shipping office.
2. Storage room.
3. Toilet facilities.

III. Heliport

A. Helicopters and Helibusses

1. Landing space for six.
2. Lobby - waiting room.
3. Toilet facilities.
4. Baggage check station.

II. Railroad Depot

A. Main Fe Railroad

1. Lobby - waiting room.
 2. Toilet facilities.
 3. Baggage check station.
 4. Embarkation and disembarkation center.
- a) To be located over present location of tracks.

5. Station for area ticket manager.

B. Railway Express Agency

1. Shipping office.
2. Storage room.
3. Toilet facilities.

III. Heliport

A. Helicopters and Helibuses

1. Loading space for six.
2. Lobby - waiting room.
3. Toilet facilities.
4. Baggage check station.

5. Station for area ticket manager.
6. Small repair shop and fuel station.

IV. Taxi-cab Station

A. Yellow Cab

1. Storage for 25 cabs.
2. Lobby - waiting room.
3. Baggage check station.
4. Small repair shop and fuel station.

V. Car Rental System

A. Avls Car Rental

1. Storage for 20 cars.
2. Lobby - waiting room.
3. Baggage check station.
4. Toilet facilities.
5. Office for area rental manager.

B. Hertz Car Rental

1. Storage for 20 cars.
2. Lobby - waiting room.
3. Baggage station.
4. Toilet facilities.
5. Office for area rental manager.

1. The first part of the report...

2. The second part of the report...

IV. Technical details

Editorial

3. The third part of the report...

4. The fourth part of the report...

5. The fifth part of the report...

6. The sixth part of the report...

V. Concluding remarks

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7. The seventh part of the report...

8. The eighth part of the report...

9. The ninth part of the report...

Final Remarks

10. The tenth part of the report...

11. The eleventh part of the report...

12. The twelfth part of the report...

13. The thirteenth part of the report...

14. The fourteenth part of the report...

VI. Support Facilities for Entire Complex

A. Hotel

1. Capacity of 100 guest.
2. Lobby.
3. Toilet facilities.
4. Cocktail lounge.

B. Restaurant

1. Capacity of 100.

C. Cafeteria

1. Capacity of 100.

D. Transportation Center Offices.

1. Greyhound Bus Company.
2. Continental Trailways Bus Company
3. Santa Fe Railroad.
4. Heliport Transportation System.
5. Yellow Cab Company.
6. Avis Car Rental.
7. Hertz Car Rental.

E. Offices for Transportation Center Manager
and Staff

VI. Report on the...
Cotton...
25% COTTON CENTER

1. Cotton...
2. Cotton...
3. Cotton...
4. Cotton...

5. Cotton...
6. Cotton...
7. Cotton...
8. Cotton...

9. Cotton...
10. Cotton...
11. Cotton...
12. Cotton...

13. Cotton...
14. Cotton...
15. Cotton...
16. Cotton...

F. Ticket Complex

1. Ticket counters for all above mentioned companies.

G. Parking

1. For guests.
2. For employees.

H. Main Baggage Station

1. To be nucleus of separate baggage check station.

I. Main Lobby

1. From which all support facilities and transportation areas will radiate.

Cresdale Series
25% COTTON CONTENT

F. Third Party

1. Ticket content for all above mentioned companies.

G. Policy

1. For motor.
2. For employees.

H. Main program details

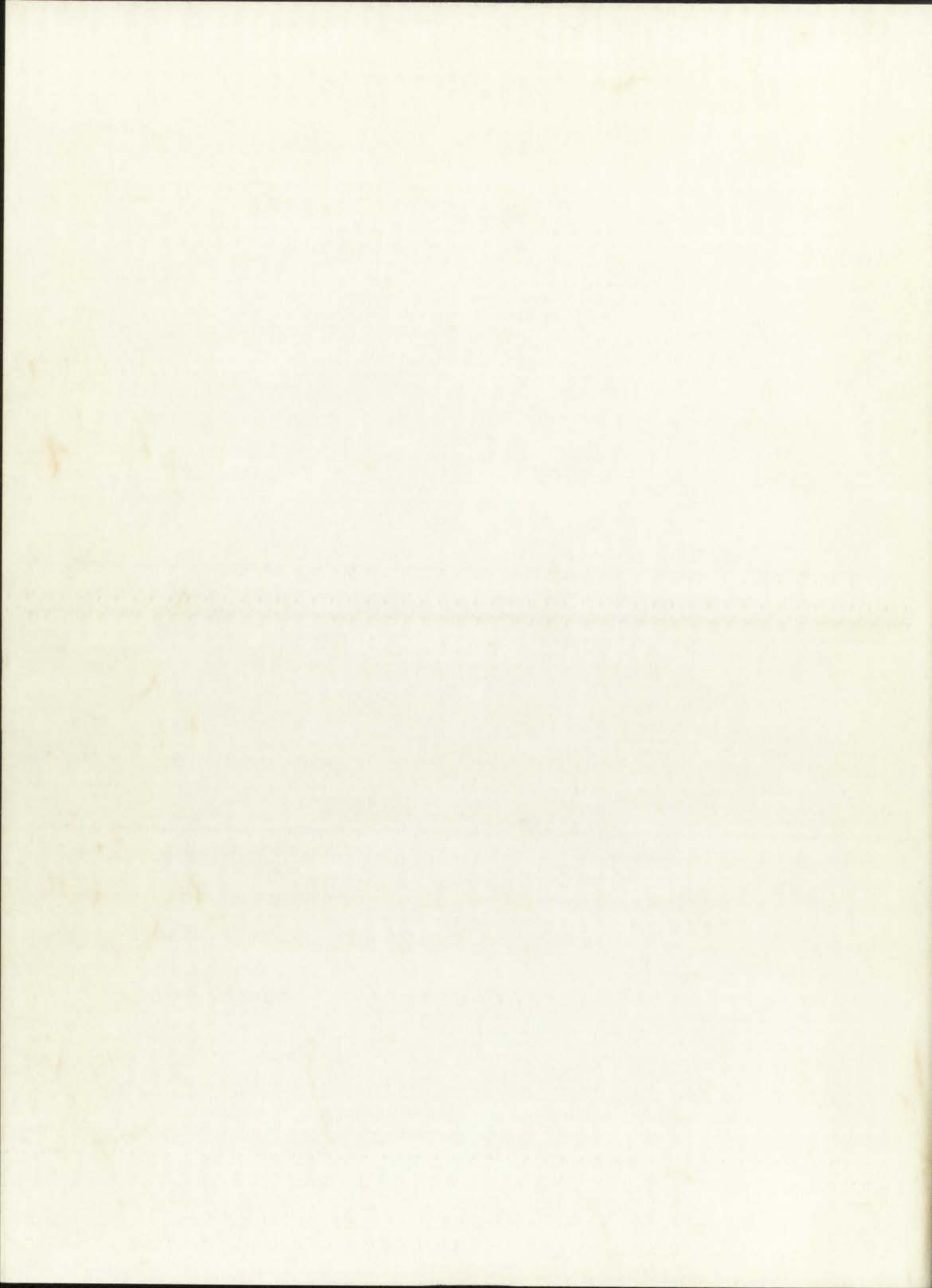
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I. Main body

1. From which oil and fuel facilities and transportation areas will radiate.

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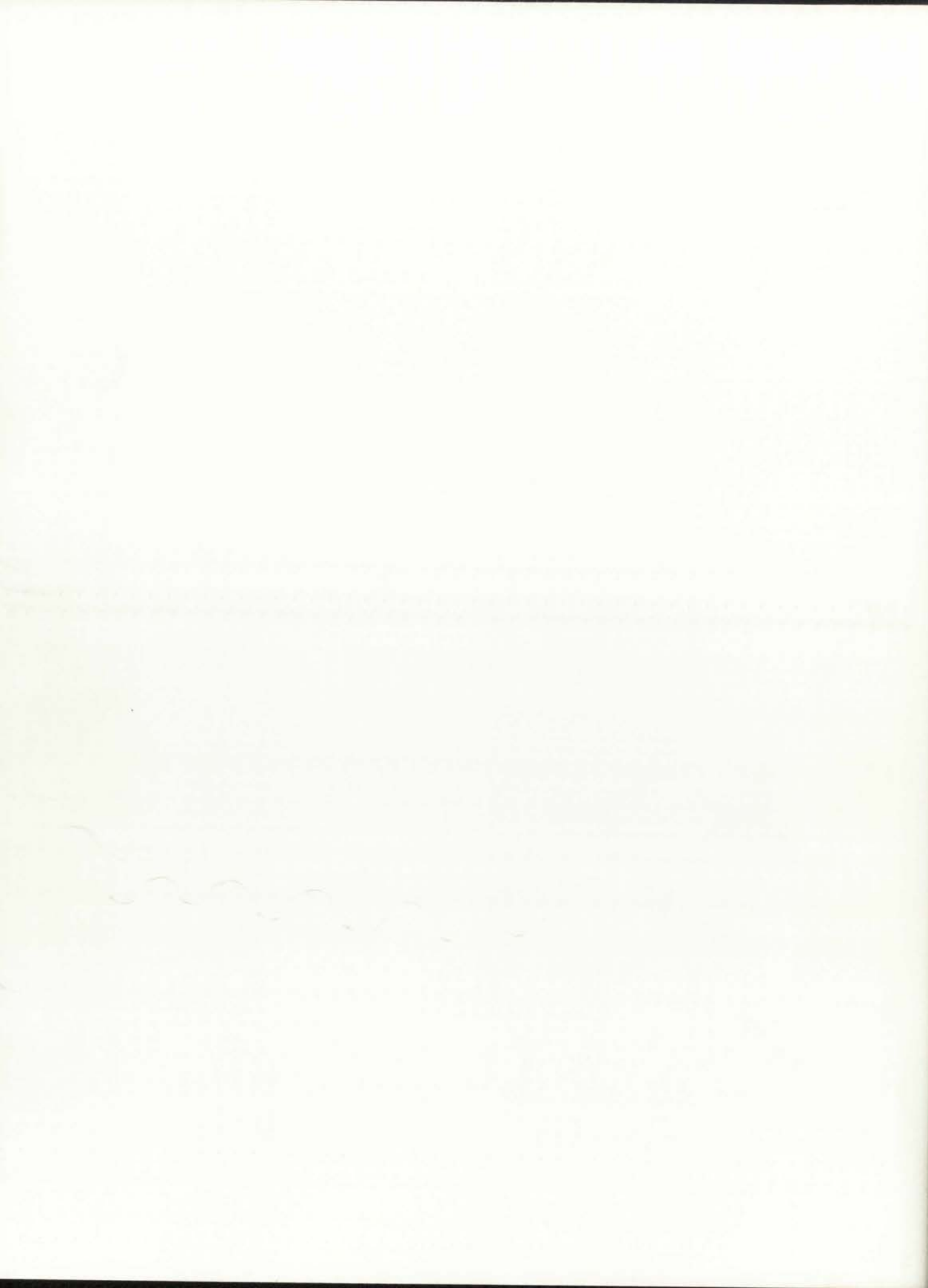
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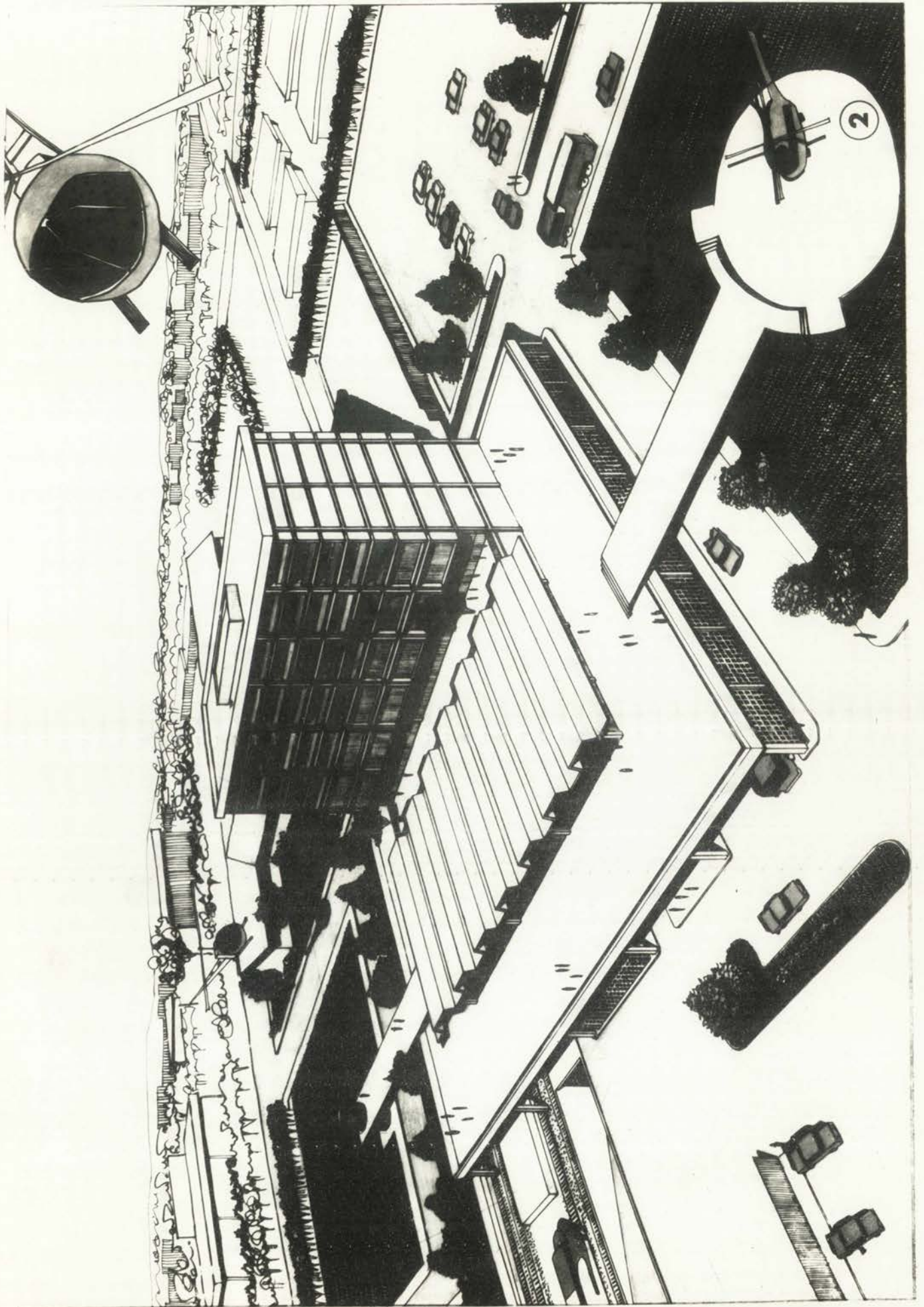


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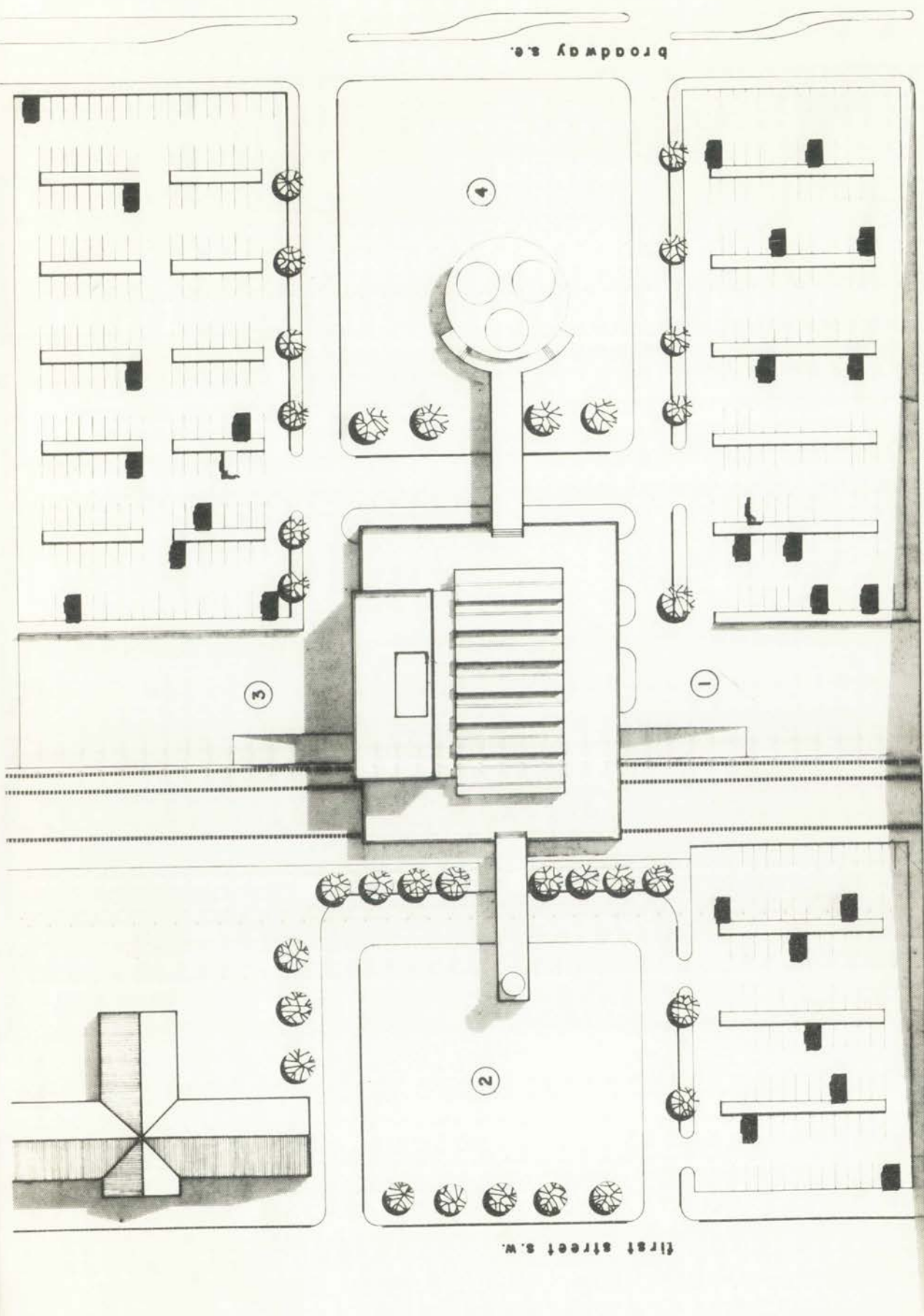
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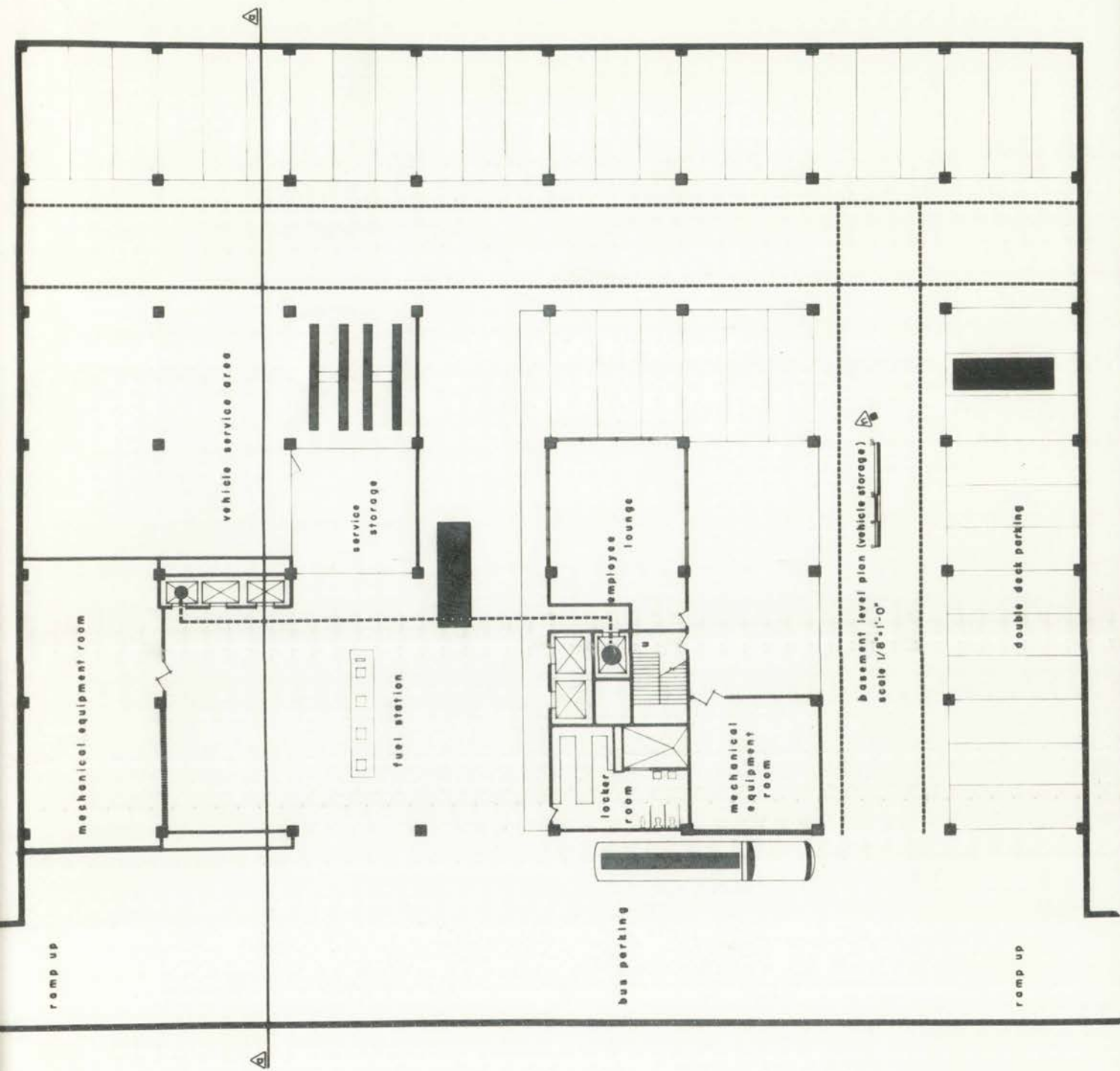
lead avenue



site plan scale 1"=50'-0"







Basement level plan (vehicle storage)
scale 1/8"=1'-0"

ramp up

double deck parking

bus parking

mechanical equipment room

locker room

employee lounge

fuel station

service storage

vehicle service area

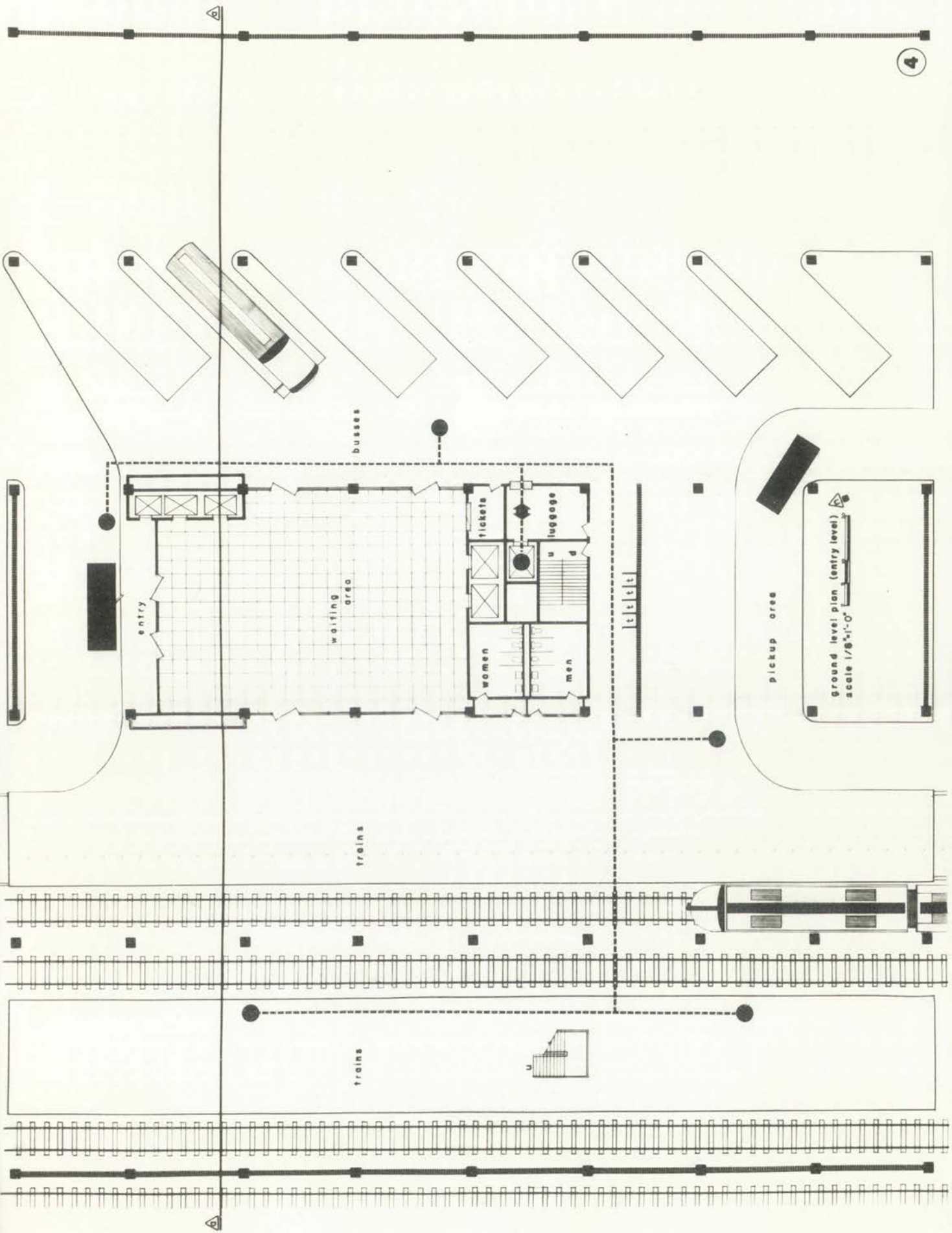
mechanical equipment room

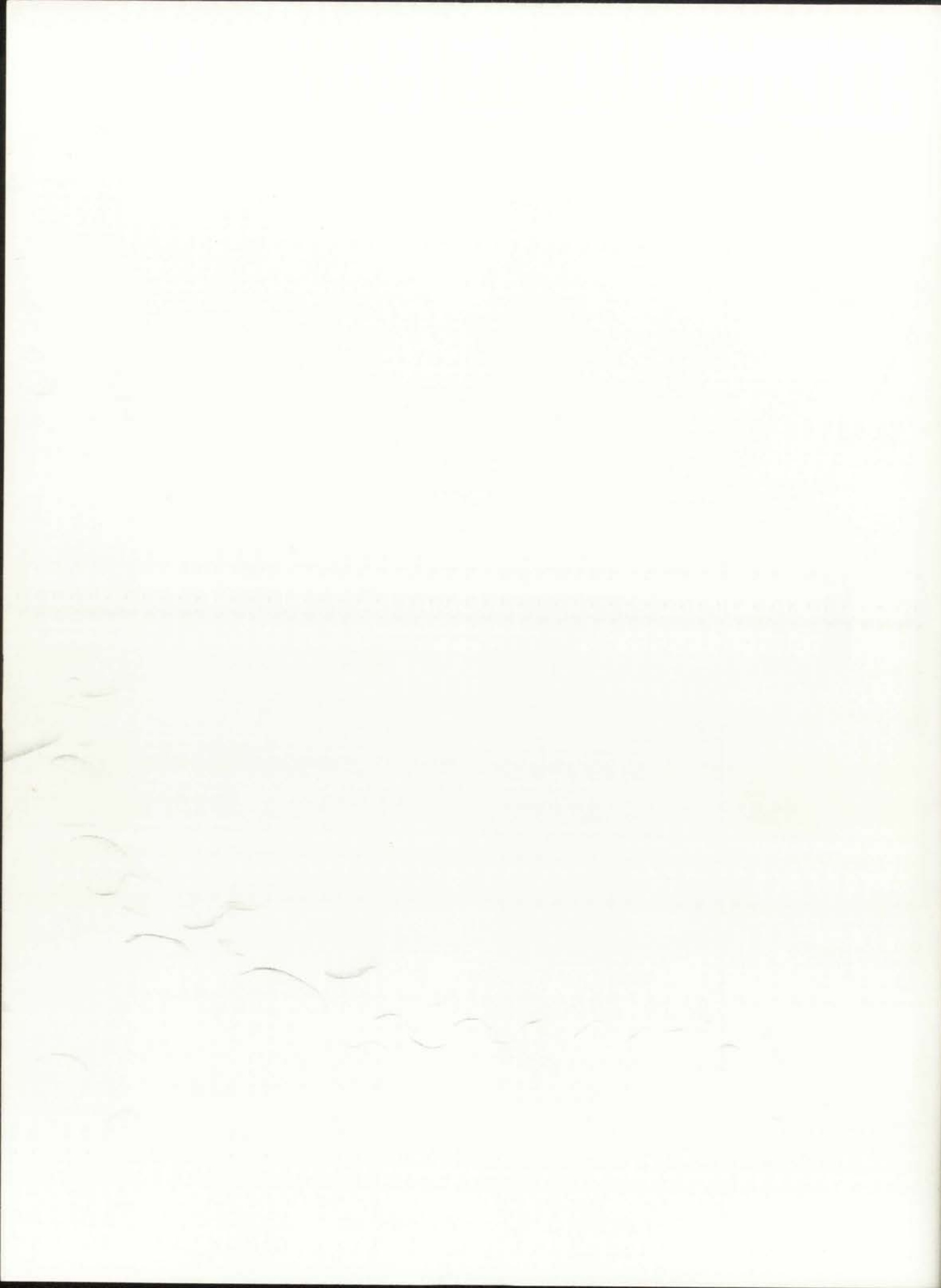
ramp up

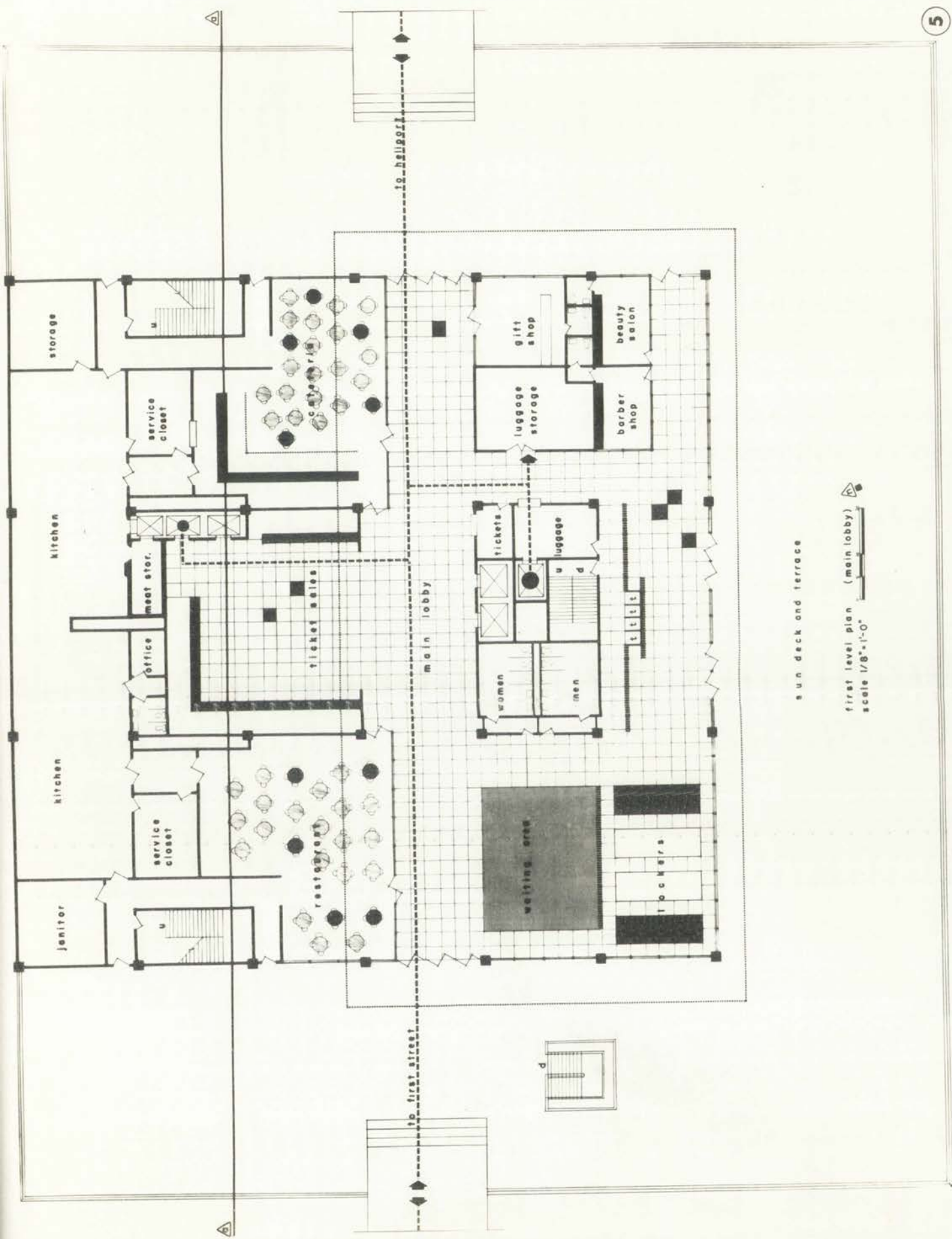
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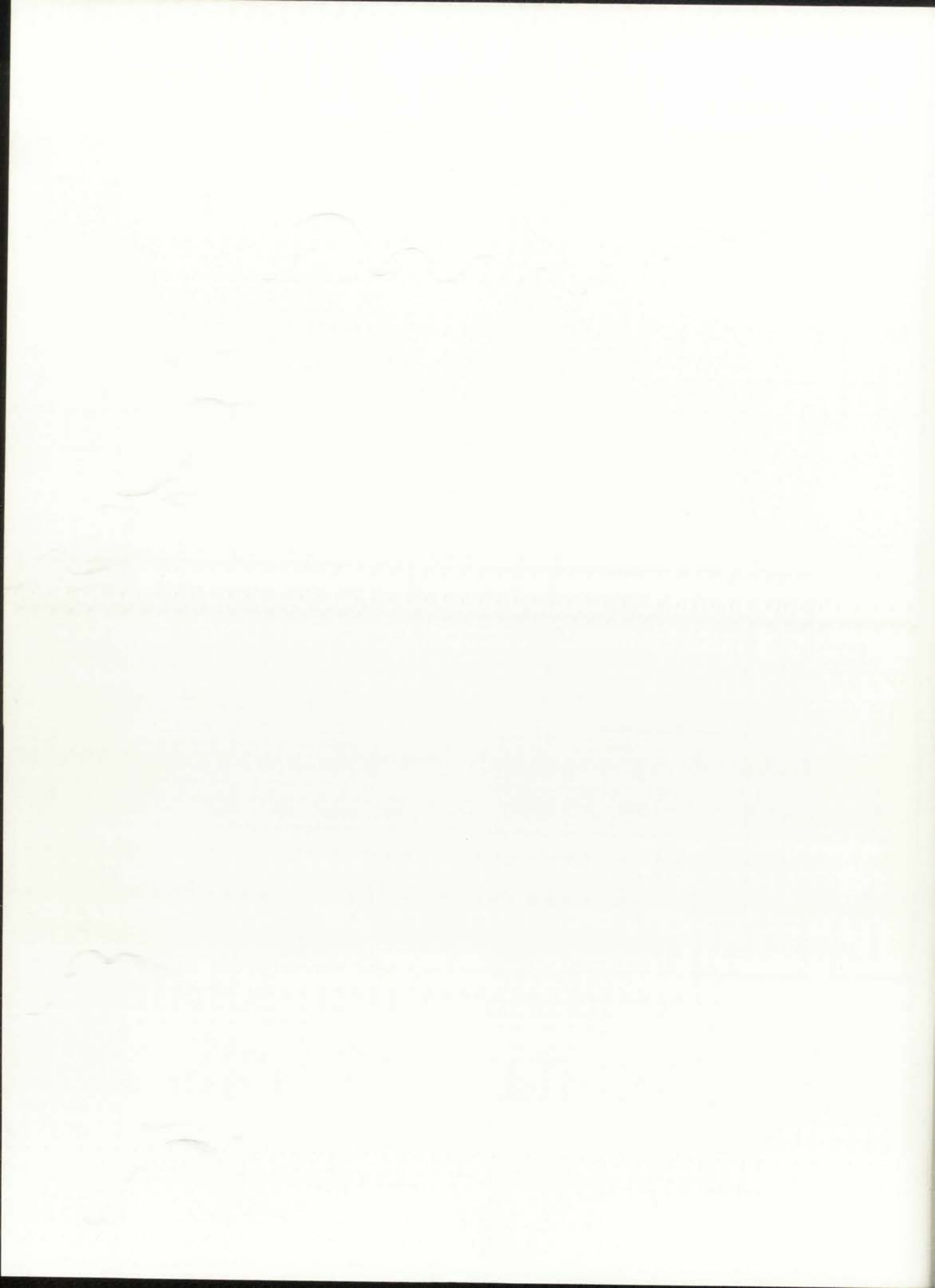


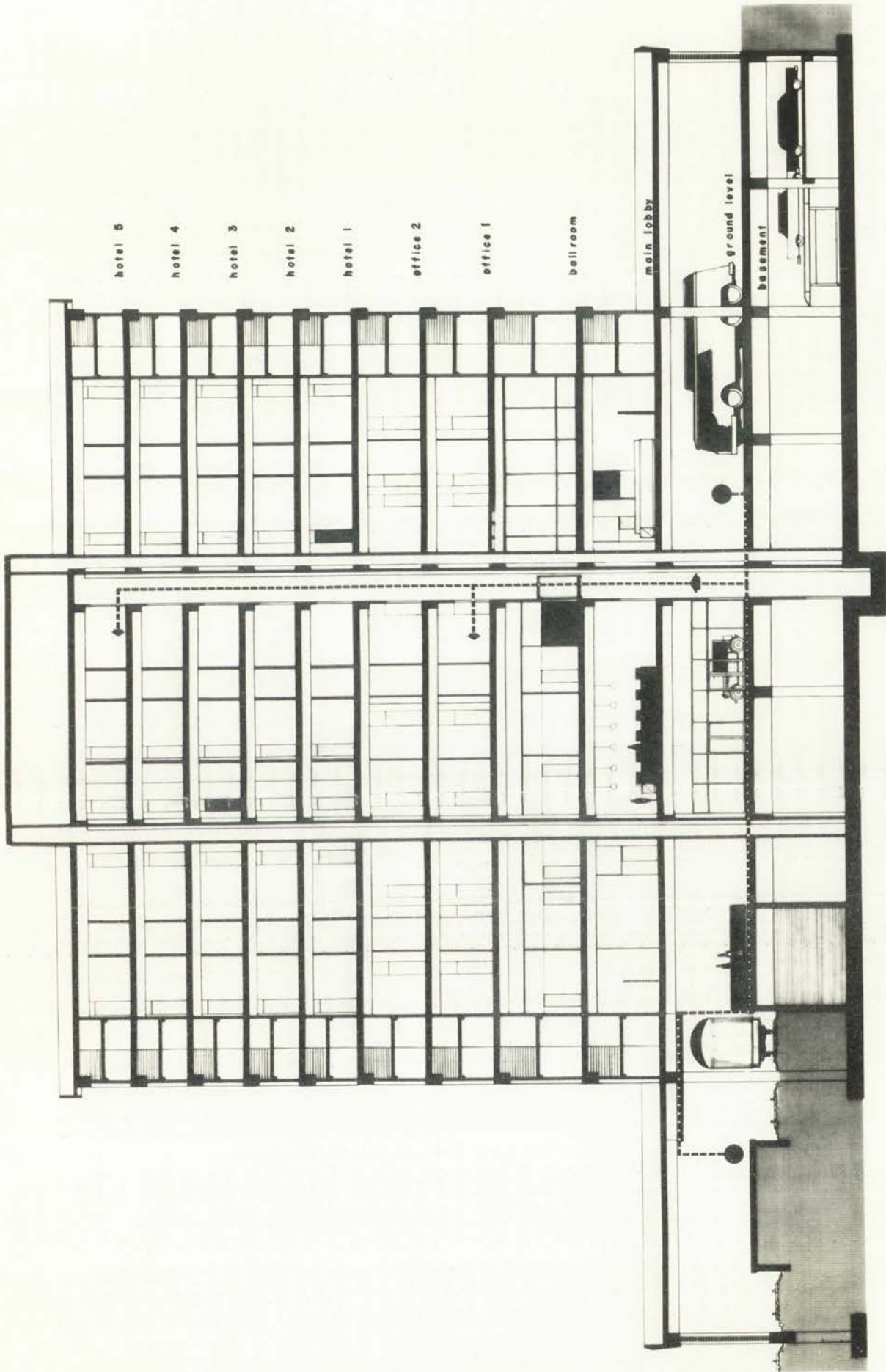




sun deck and terrace

first level plan (main lobby)
scale 1/8"=1'-0"





hotel 5

hotel 4

hotel 3

hotel 2

hotel 1

office 2

office 1

bell room

main lobby

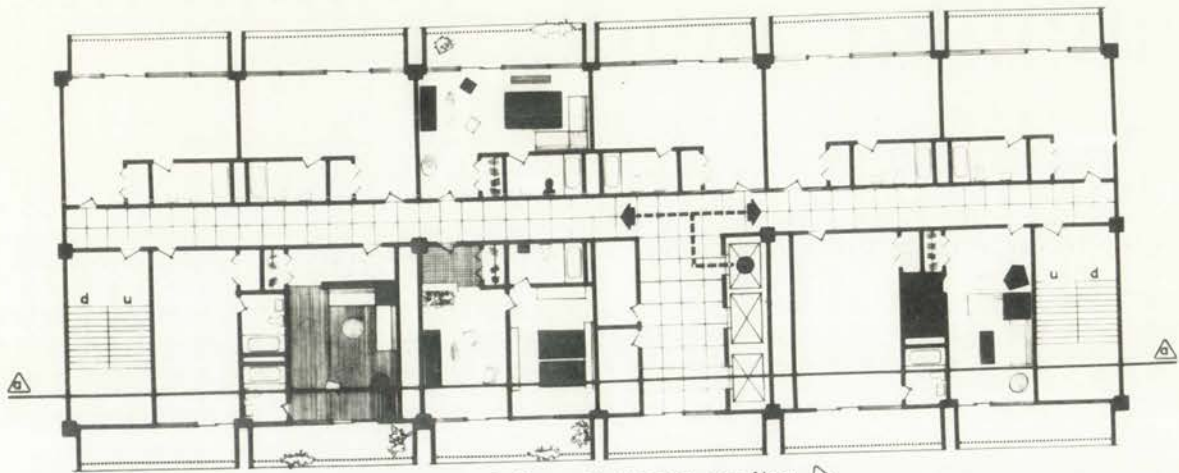
ground level

basement

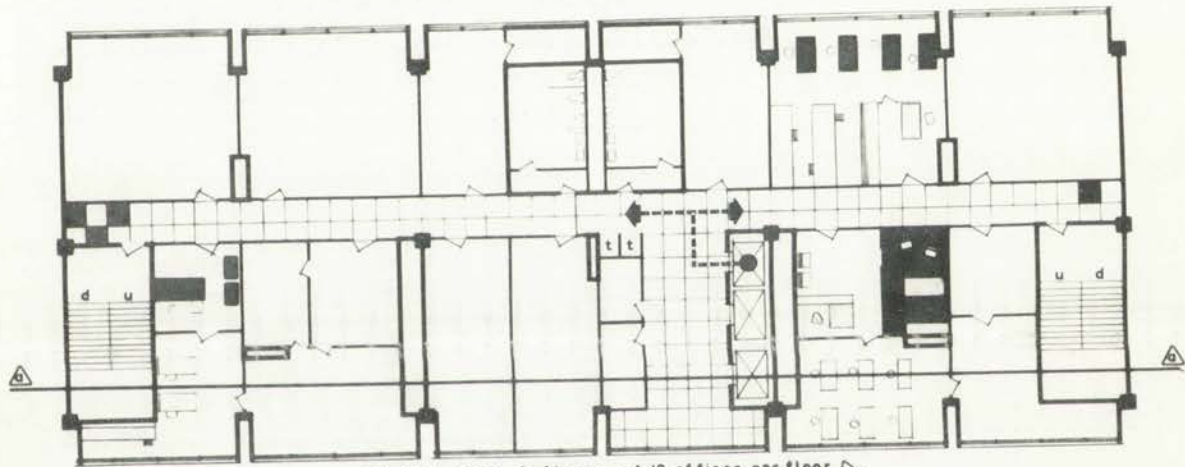
section 8-8

scale 1/8"=1'-0"

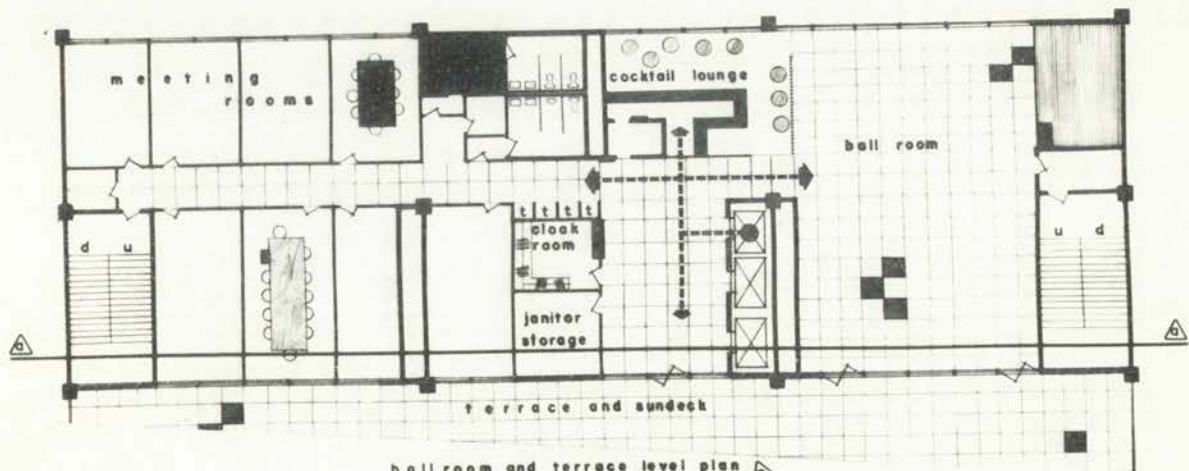




hotel plan 5 floors at 11 rooms per floor
 scale 1/8"=1'-0"

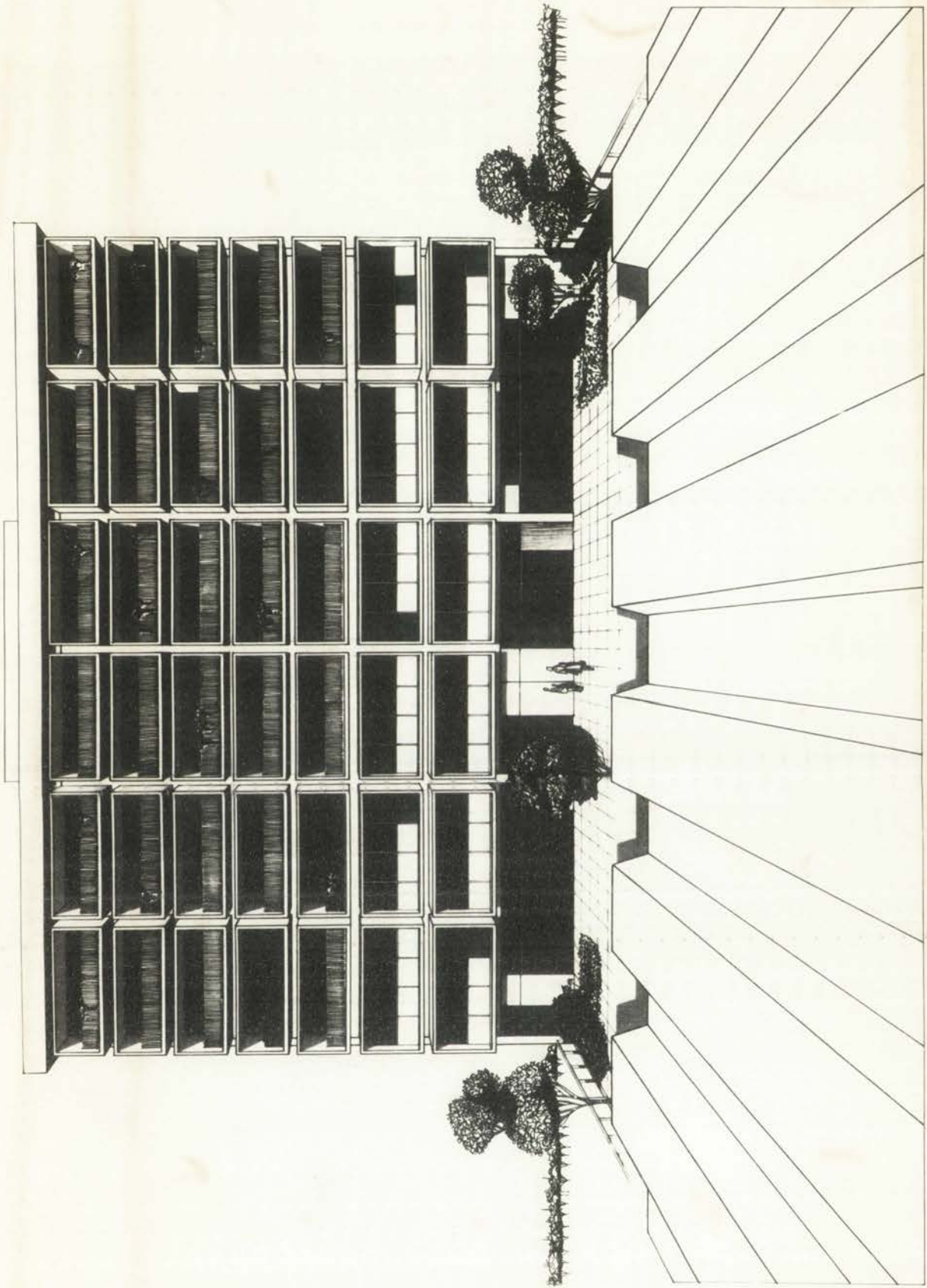


office plan 2 floors at 12 offices per floor
 scale 1/8"=1'-0"



ball room and terrace level plan
 scale 1/8"=1'-0"

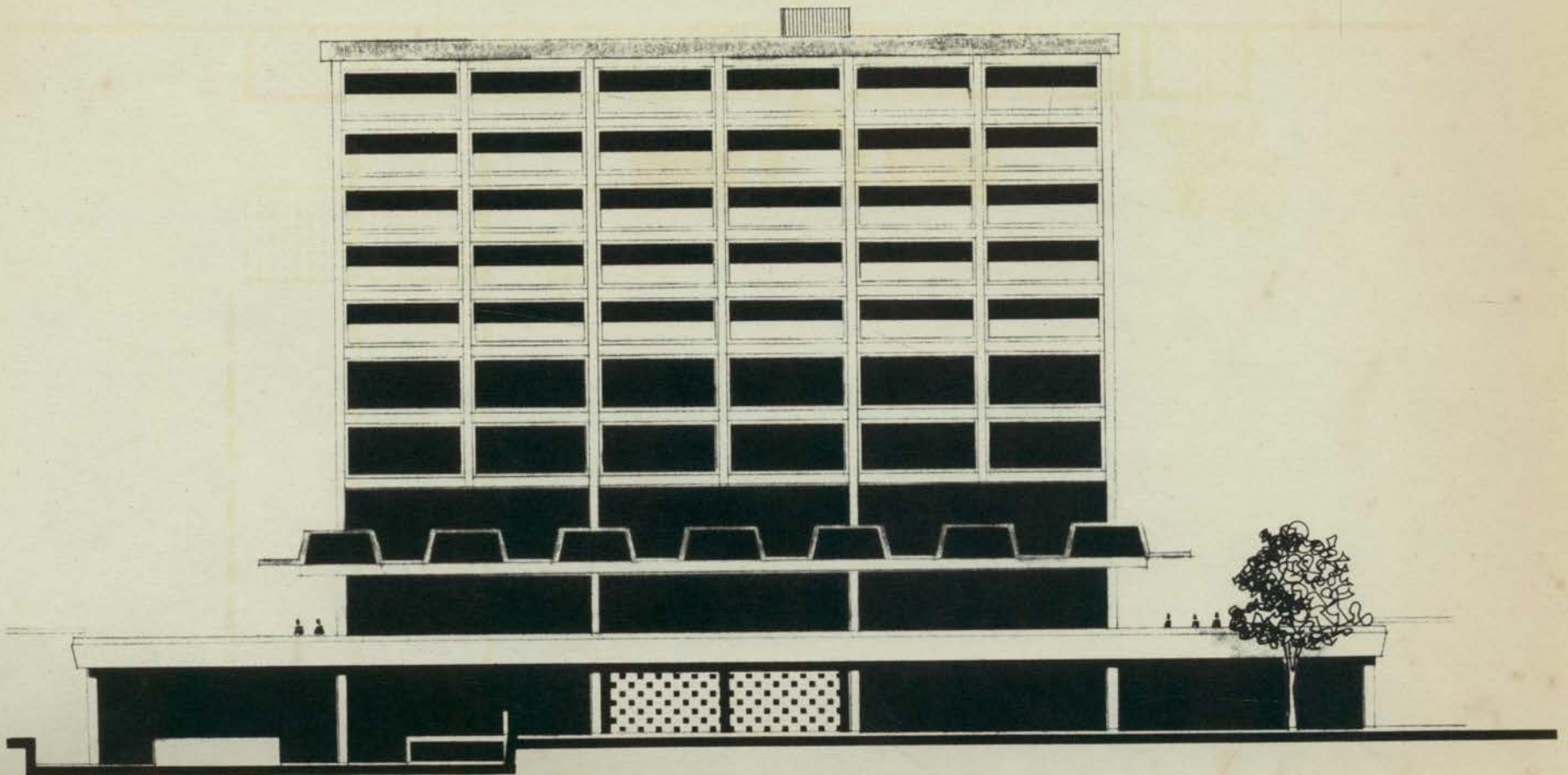




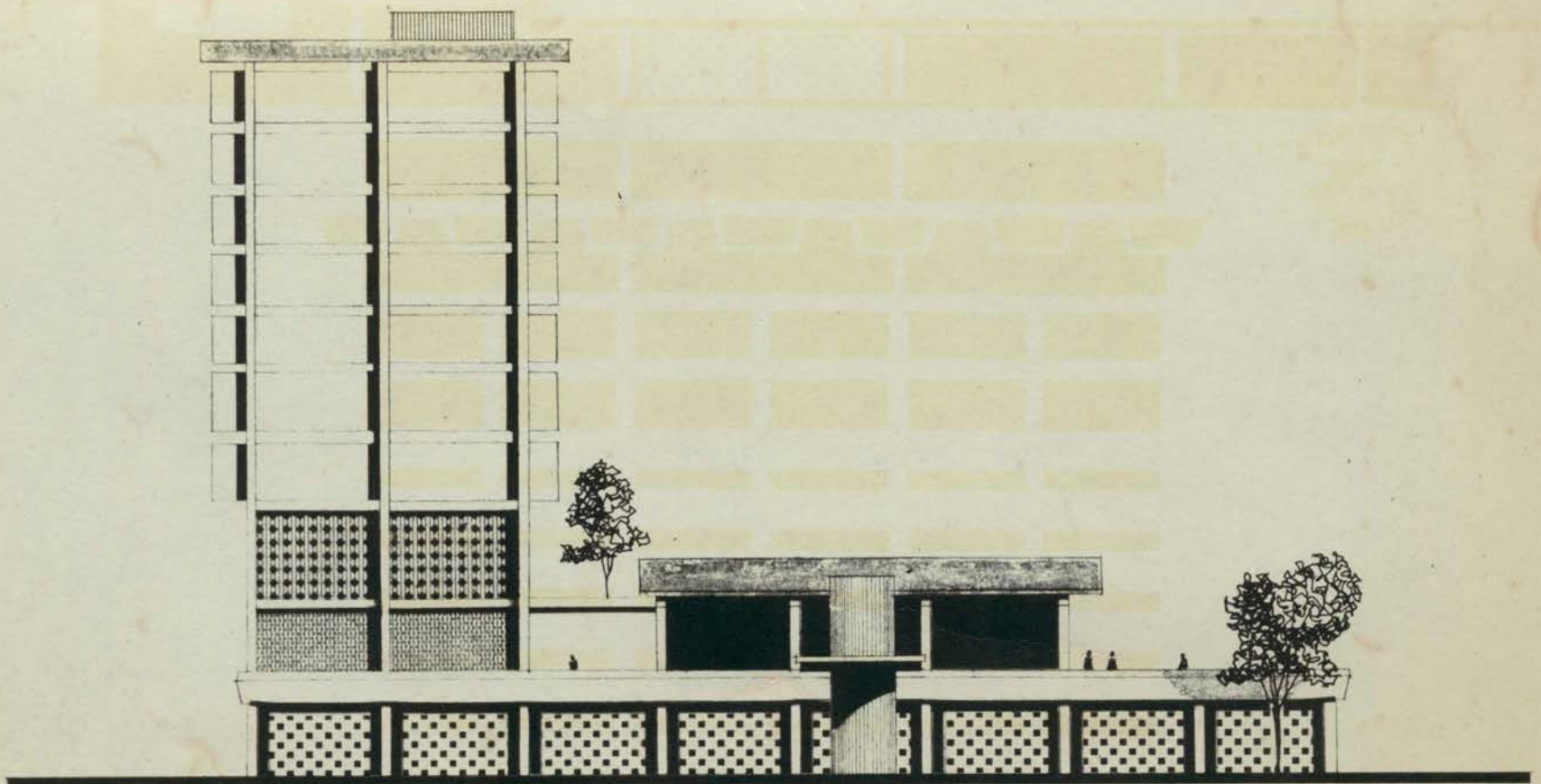
tower elevation
scale 1/8" = 1'-0"



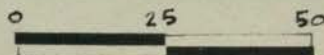




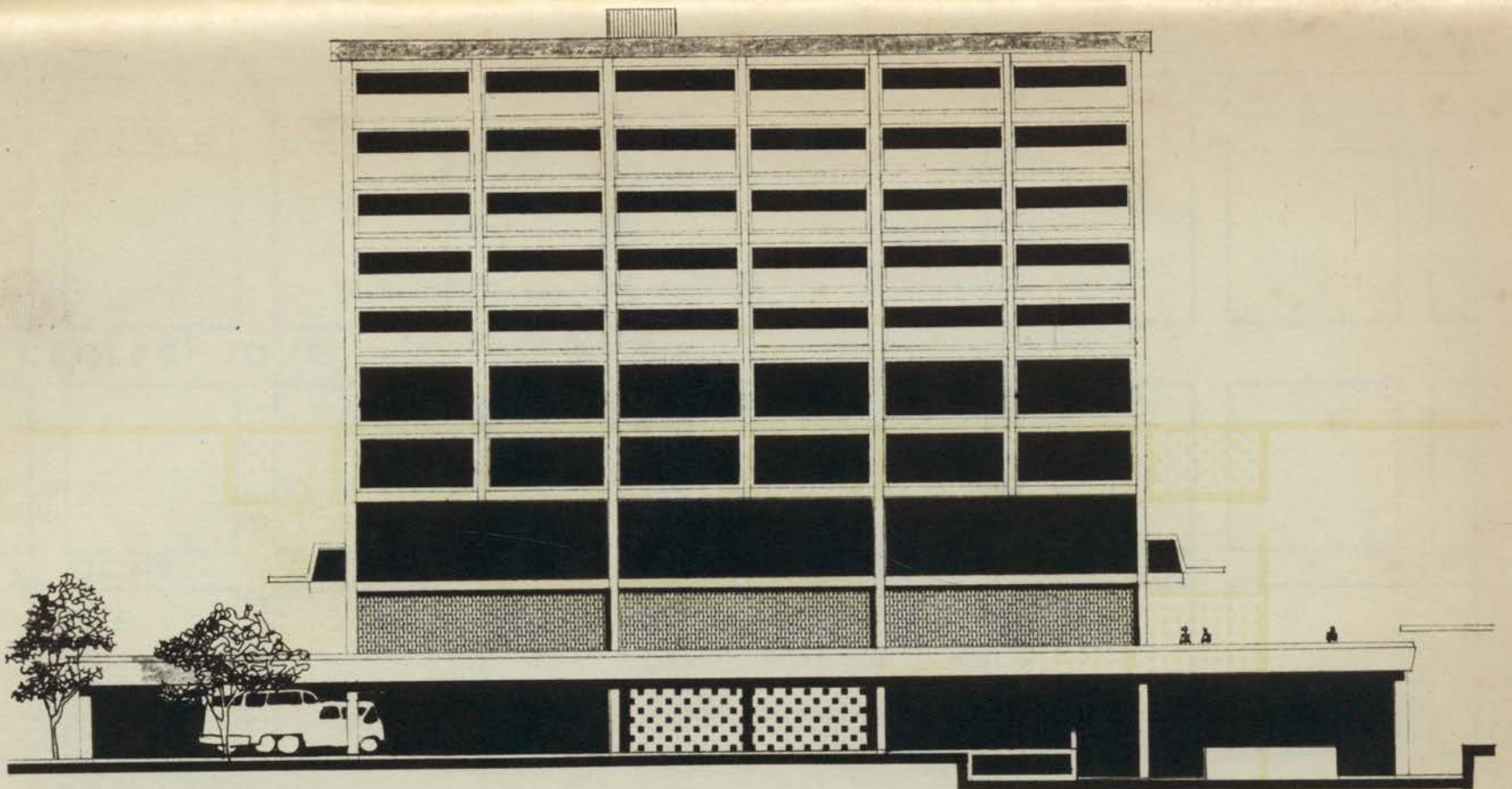
① south elevation
1/32"



② west elevation
1/32"

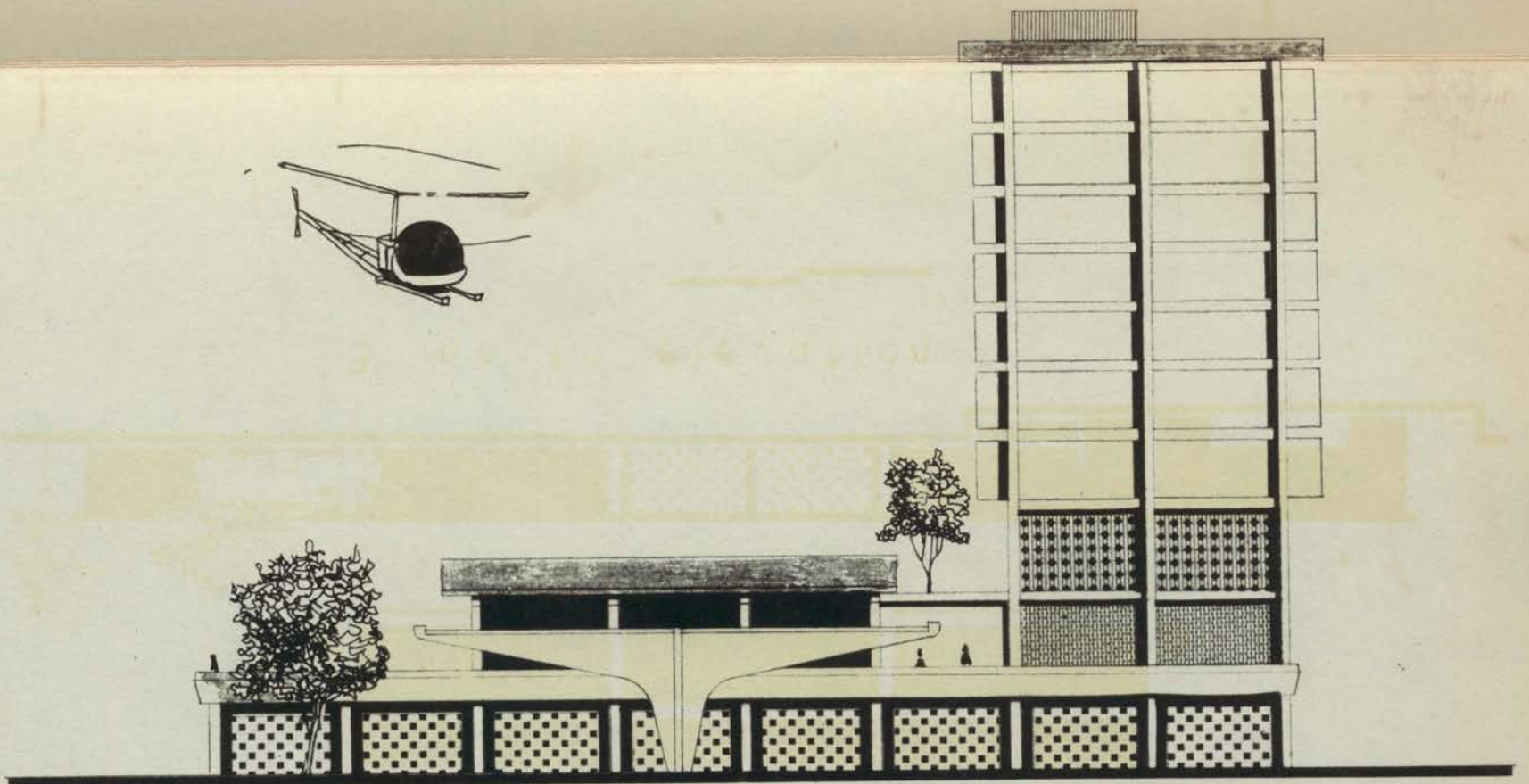
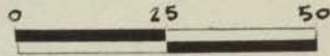






③ north elevation

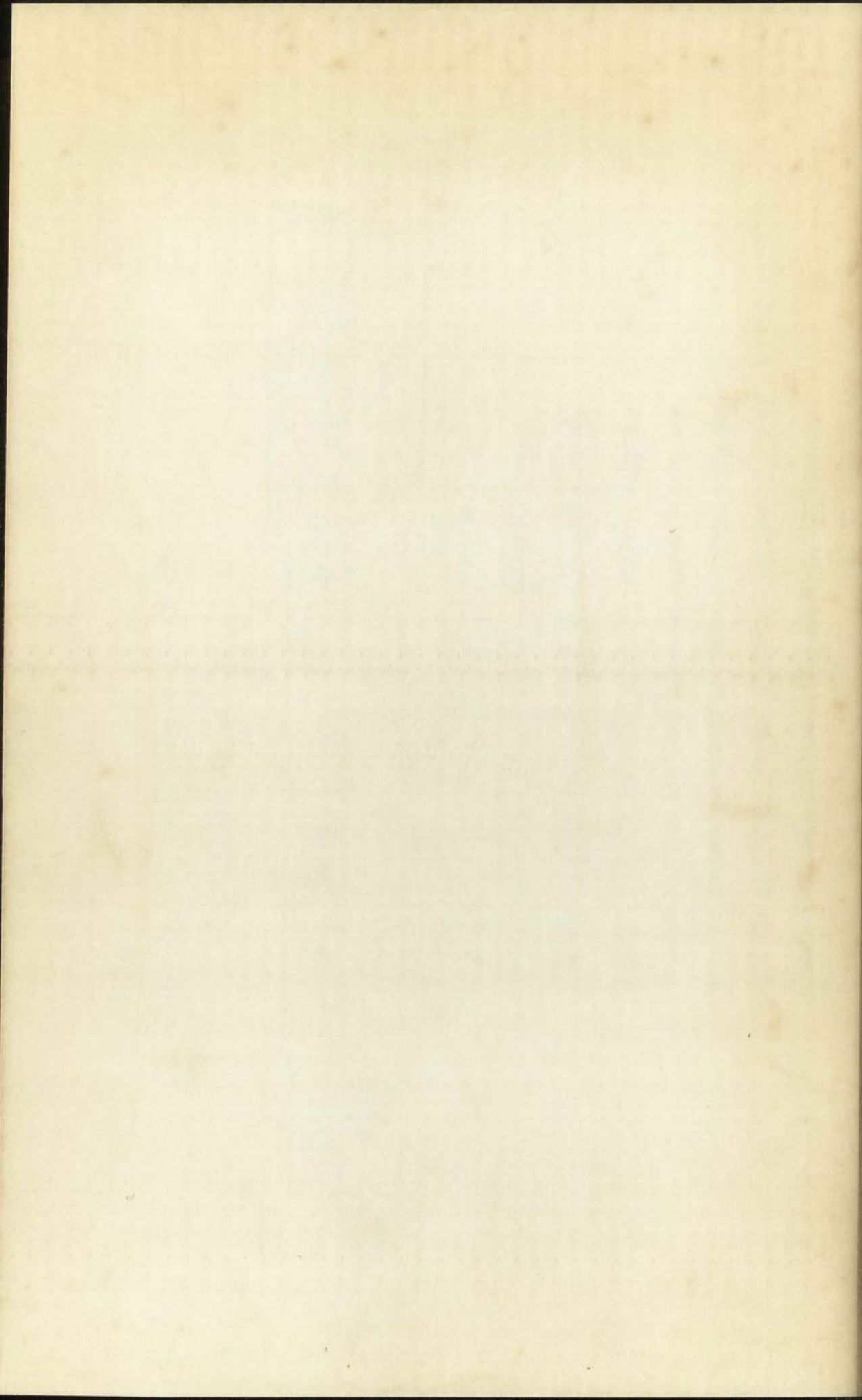
1/32"

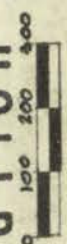
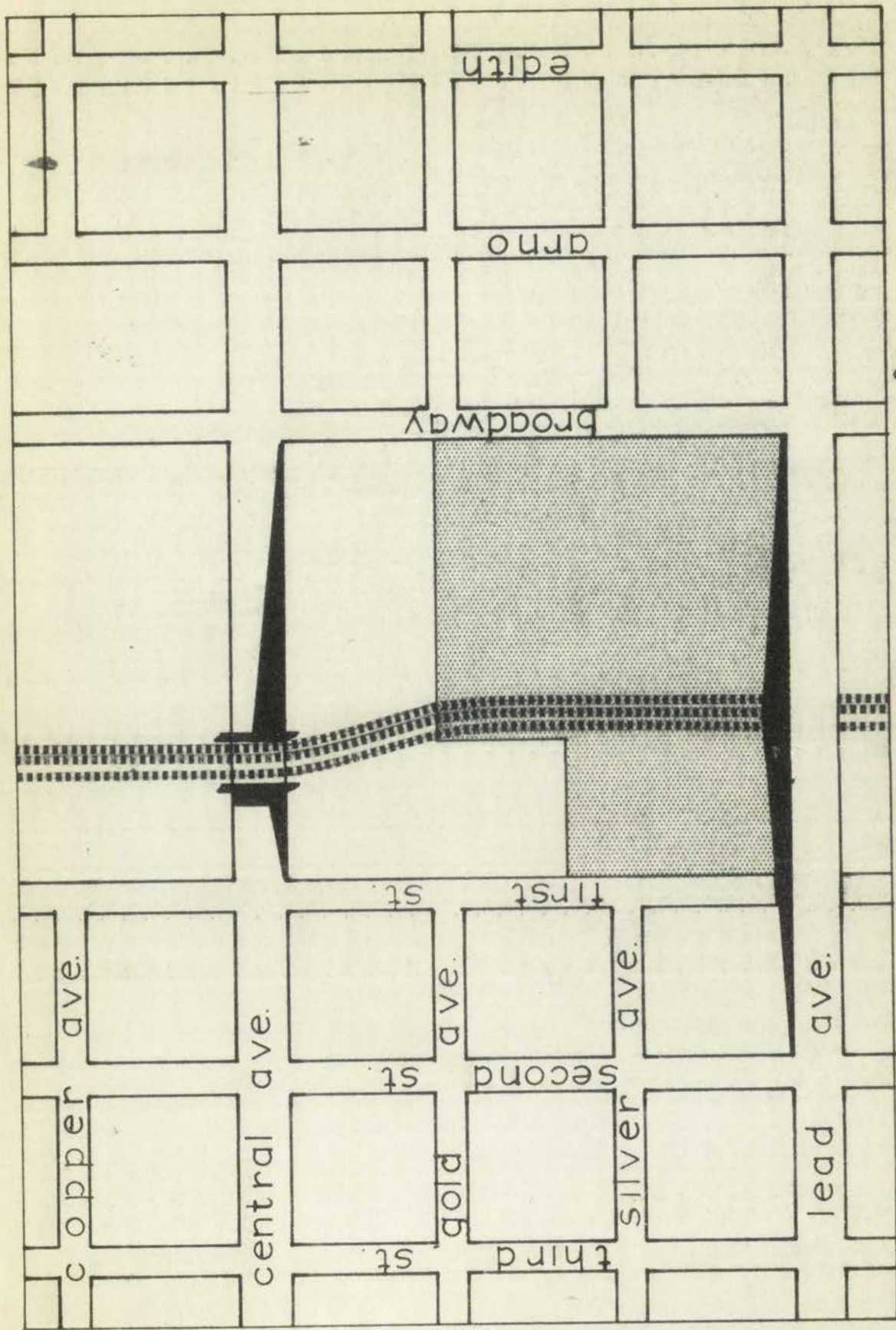


④ east elevation

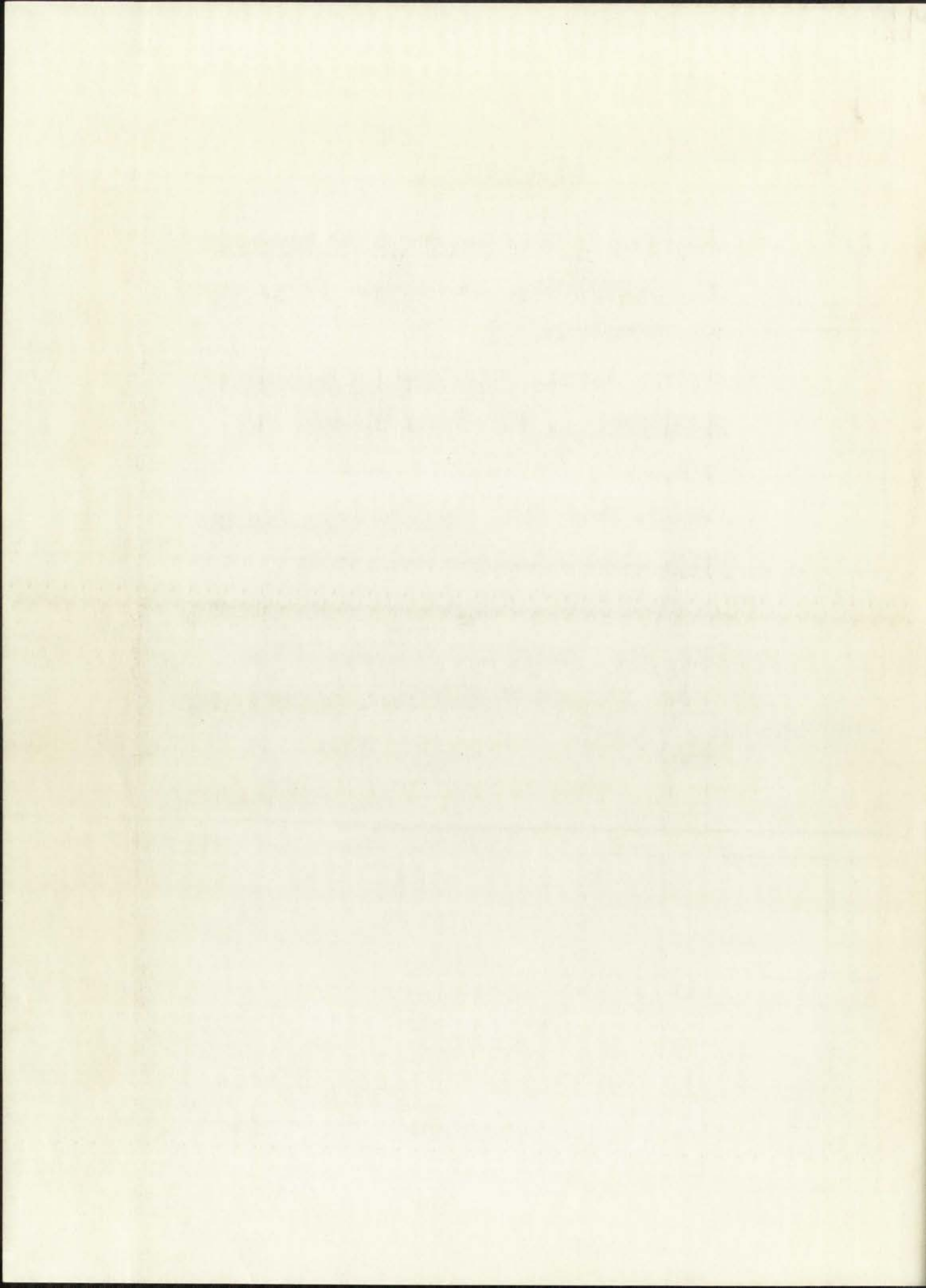
1/32"





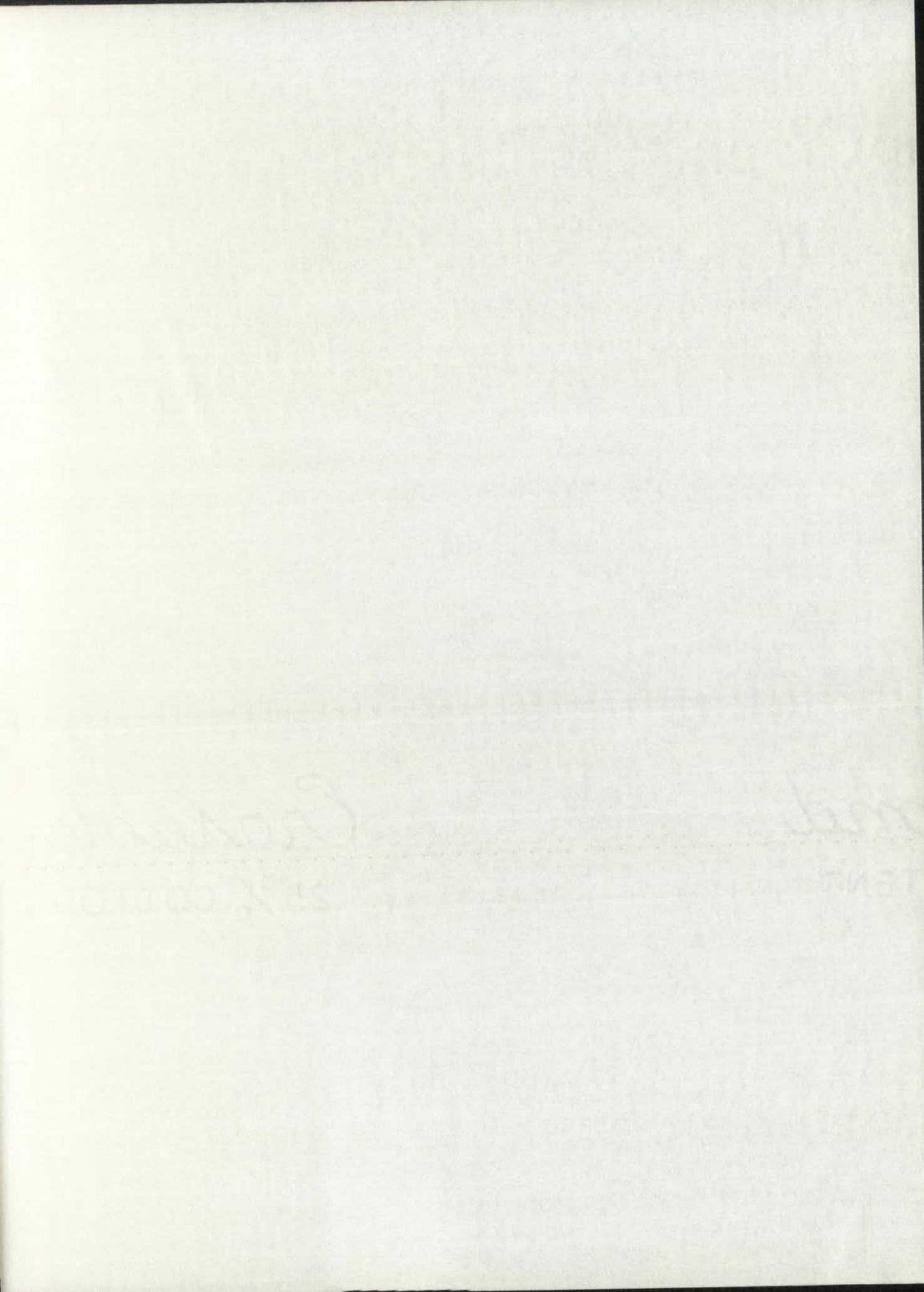


site location
 1" = 300'



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TENT

Erceable

25% COTTON

