

#2 WTC

#2 WTC

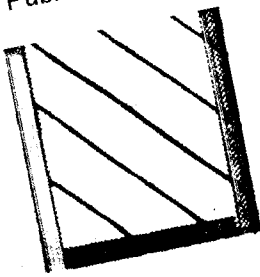
BOOKING 5-12

T-46C

BLUE PRINT

Floor Layouts

7 W.T.C.
(7)



EXISTING FRO
EXISTING FRO

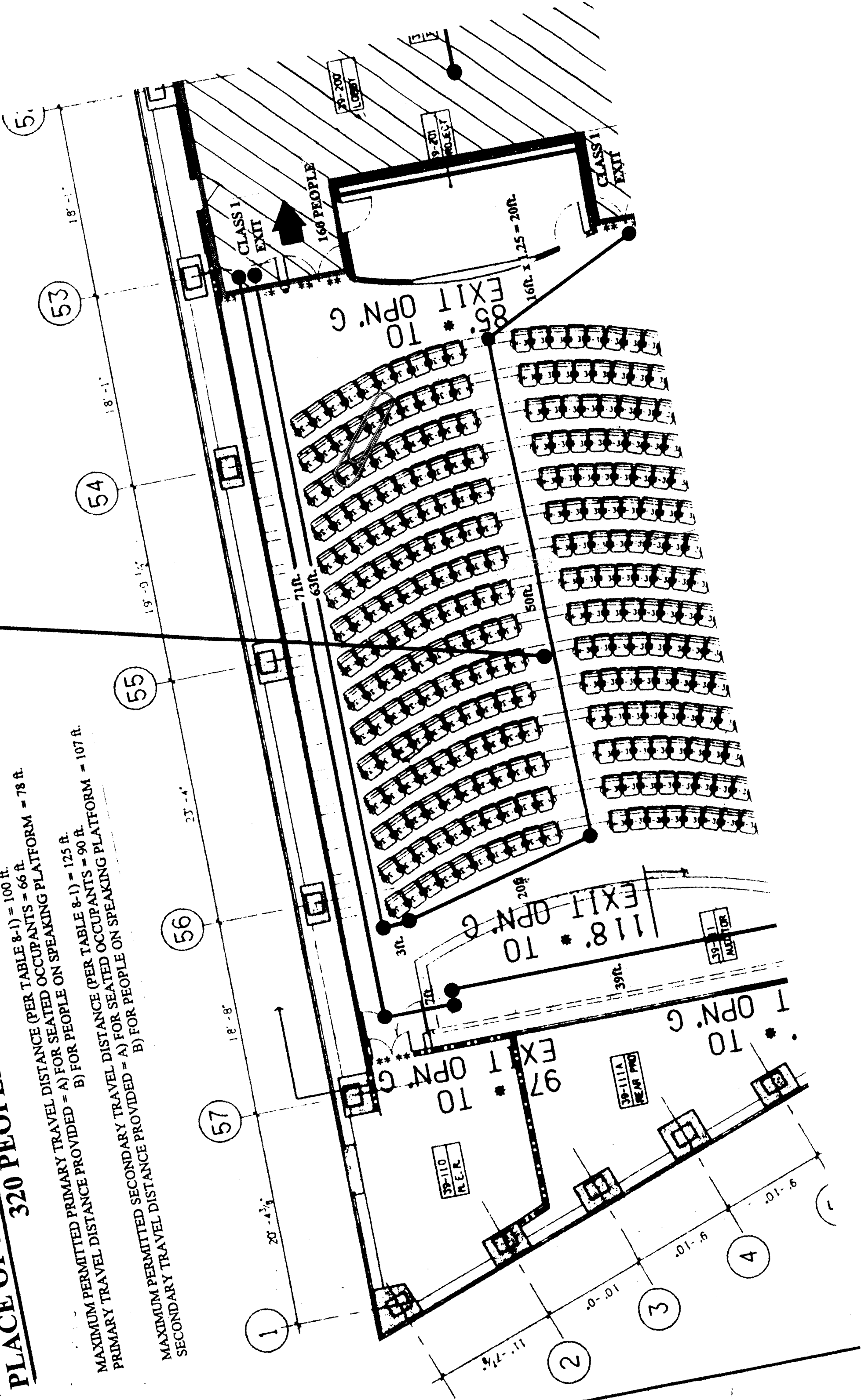
1700 SQ. FT.
CAPACITY @

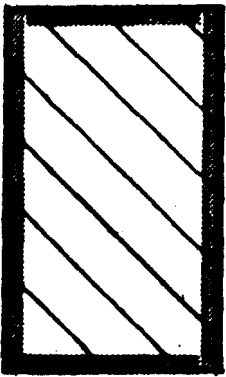
PLACE OF ASSEMBLY / F-1b OCCUPANCY 320 PEOPLE

MAXIMUM PERMITTED PRIMARY TRAVEL DISTANCE (PER TABLE 8-1) = 100 ft.
MAXIMUM PERMITTED SECONDARY TRAVEL DISTANCE (PER TABLE 8-1) = 125 ft.
PRIMARY TRAVEL DISTANCE PROVIDED = A) FOR SEATED OCCUPANTS = 66 ft.
B) FOR PEOPLE ON SPEAKING PLATFORM = 107 ft.

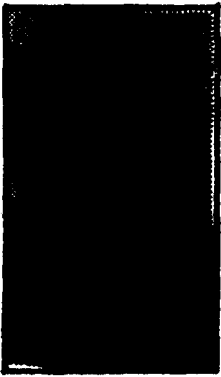
MAXIMUM PERMITTED PRIMARY TRAVEL DISTANCE (PER TABLE 8-1) = 90 ft.
MAXIMUM PERMITTED SECONDARY TRAVEL DISTANCE (PER TABLE 8-1) = 107 ft.
PRIMARY TRAVEL DISTANCE PROVIDED = A) FOR SEATED OCCUPANTS = 66 ft.
B) FOR PEOPLE ON SPEAKING PLATFORM = 107 ft.

MAXIMUM PERMITTED SECONDARY TRAVEL DISTANCE PROVIDED = A) FOR SEATED OCCUPANTS = 90 ft.
B) FOR PEOPLE ON SPEAKING PLATFORM = 107 ft.





SAFE AREA (1700 SQ. FT.)



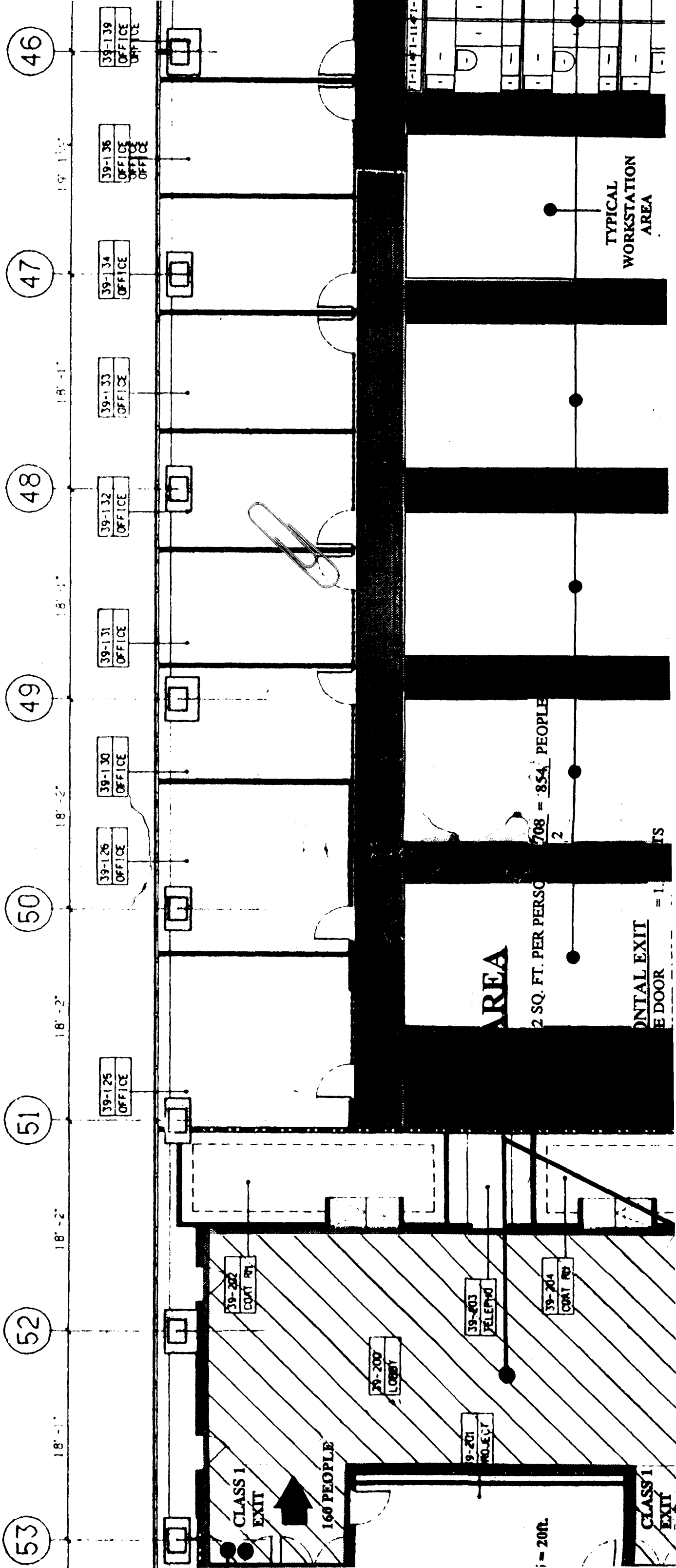
AREA OF REFUGE (6720 SQ. FT.)

EXISTING FROM PLACE OF ASSEMBLY INTO SAFE AREA
EXISTING FROM SAFE AREA VIA HORIZONTAL EXITS TO AREA OF REFUGE

1700 SQ. FT.
CAPACITY @ 1 PERSON PER 2 SQ. FT. = 854

6670 SQ. FT.
CAPACITY @ 1 PERSON PER 3 SQ. FT. = 2226

- 1 EGI
• T serve
- 2 EGI
• T Class
• "S" people
- 3 EGI
• T two
"Are of the



EGRESS SUMMARY

- 1

EGRESS FROM THE FLOOR

 - Two 2.5 unit stairs with a total capacity of 300 people serve the floor.
- 2

EGRESS FROM THE AUDITORIUM

 - The Auditorium has the capacity for 320 people. Two Class 1 exits from the Auditorium discharge directly into a "Safe Area". The capacity of the "Safe Area" is 324 people.
- 3

EGRESS FROM THE SAFE AREA

 - The "Safe Area" population (320 people) through two "Horizontal Exits" in a "Fire Division" into an "Area of Refuge" that is located within the office portion of the floor.
- 4

EGRESS FROM THE AREA OF REFUGE & OFFICE AREAS OF THE FLOOR

 - The aforementioned "Area of Refuge" and the normal office occupancy areas on the floor exit through the two conventional stairs noted in Item No.1 above.
- 5

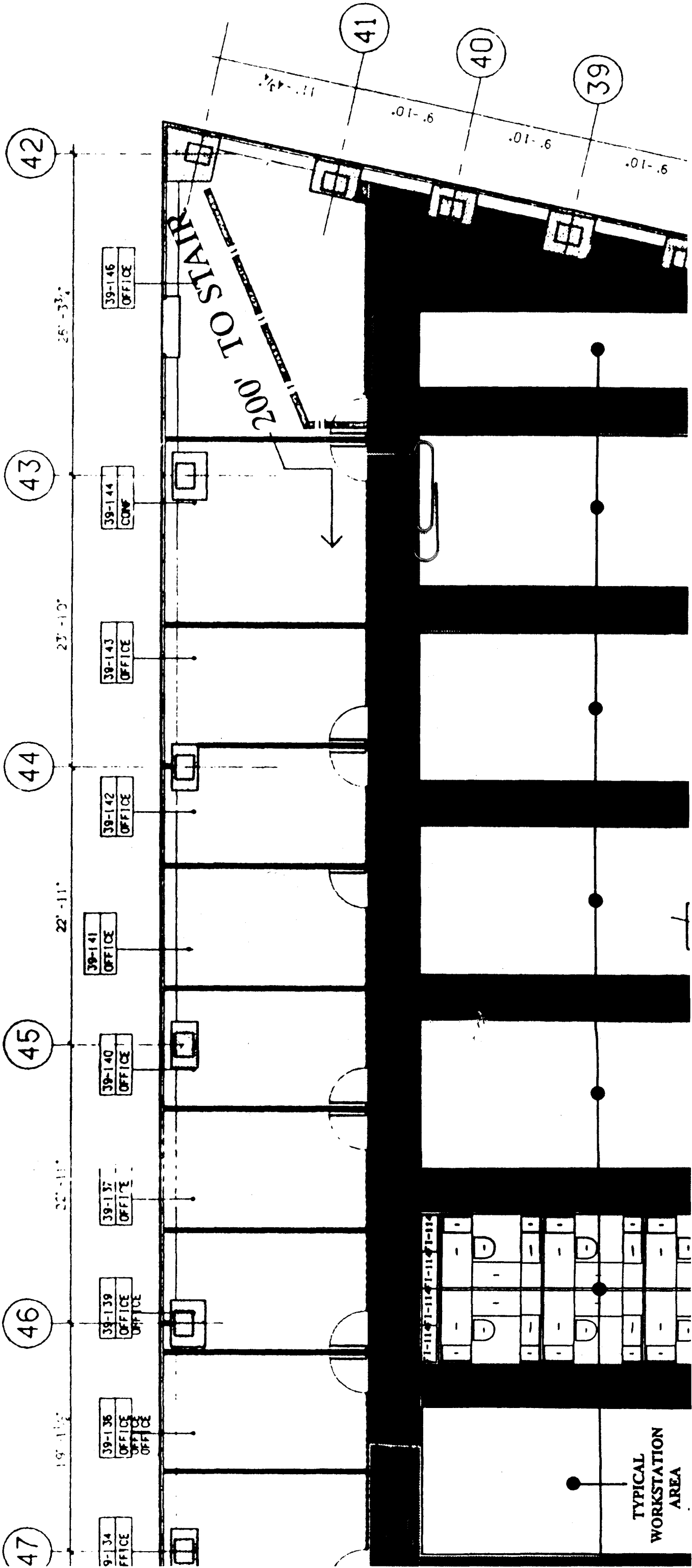
EXIT REDUCTION/AREA OF REFUGE

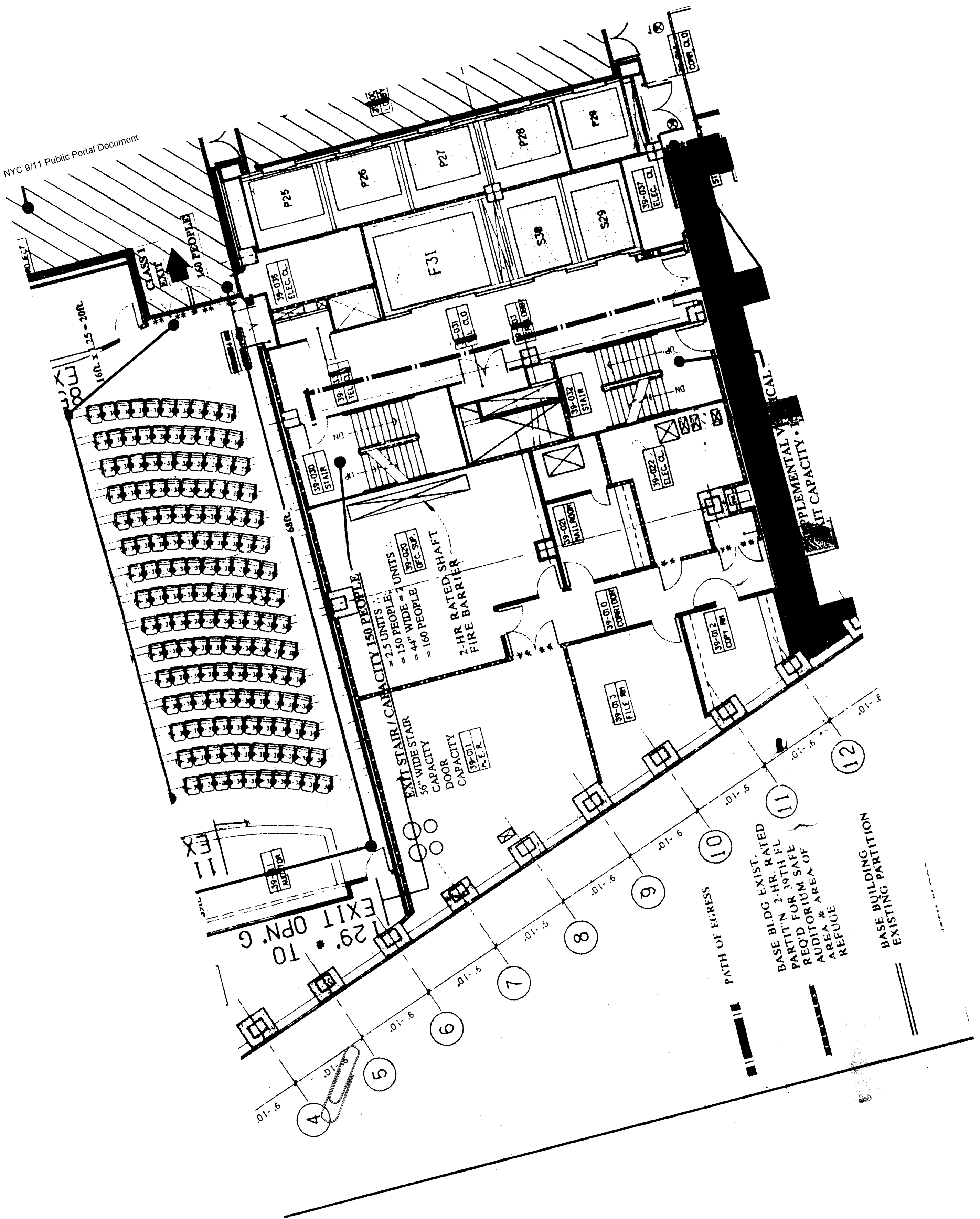
 - Section 27-367 of the New York City Building Code permits a reduction (by 50%) in the capacity of vertical exits serving a floor when one "Area of Refuge" is provided.
- The "Horizontal Exits" indicated here are intended to operate in one direction only, i.e., to allow people from the "Safe Area" to exit into the office space (i.e., "Area of Refuge"). There is no egress from the office space into the "Safe Area".
 - The total population of this floor (full auditorium + full office occupancy) will be:
 - 320 people (auditorium)
 - 230 office occupants
 - 550 people Total

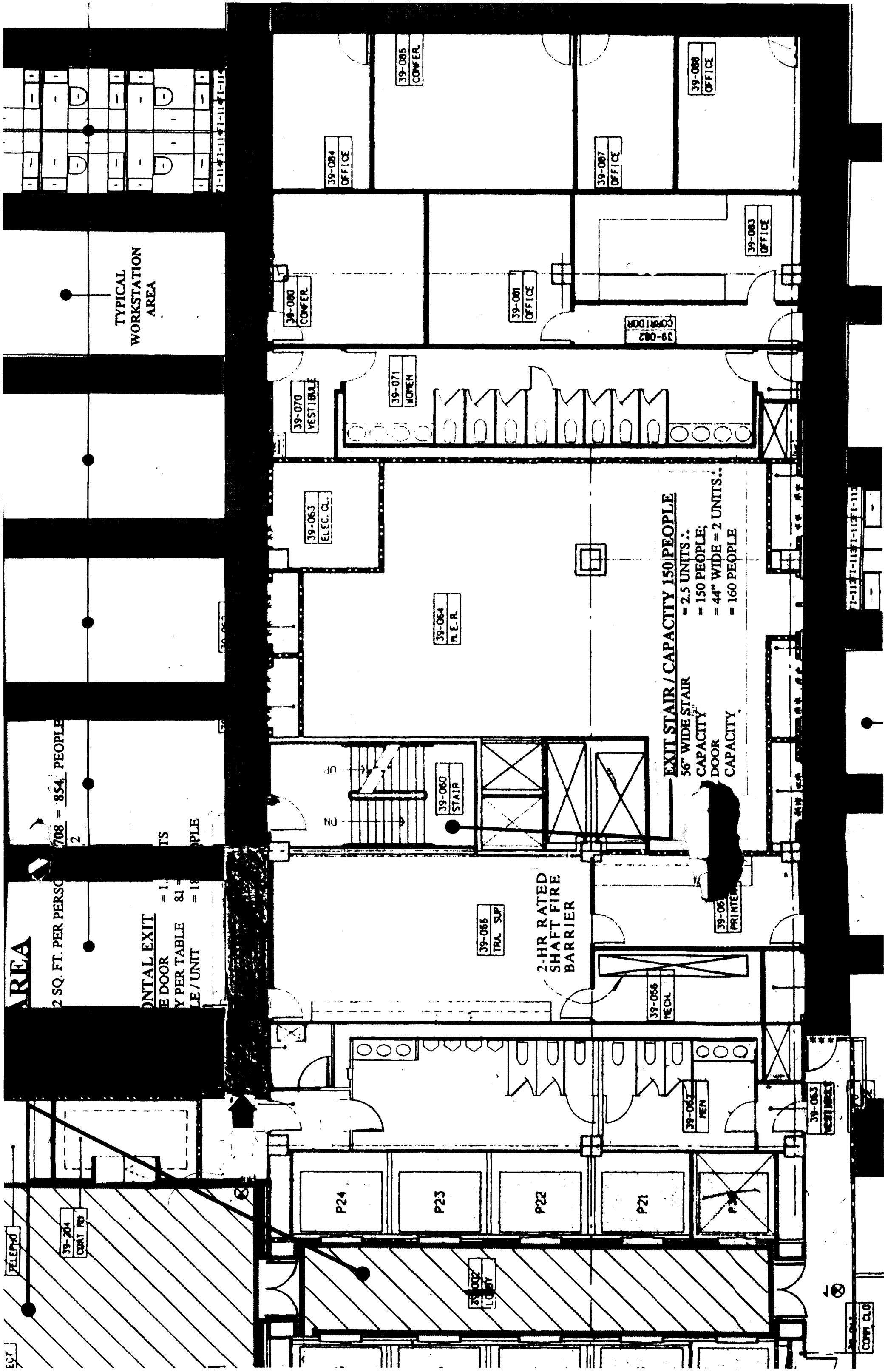
The total stair exit capacity for the floor is 300 people.

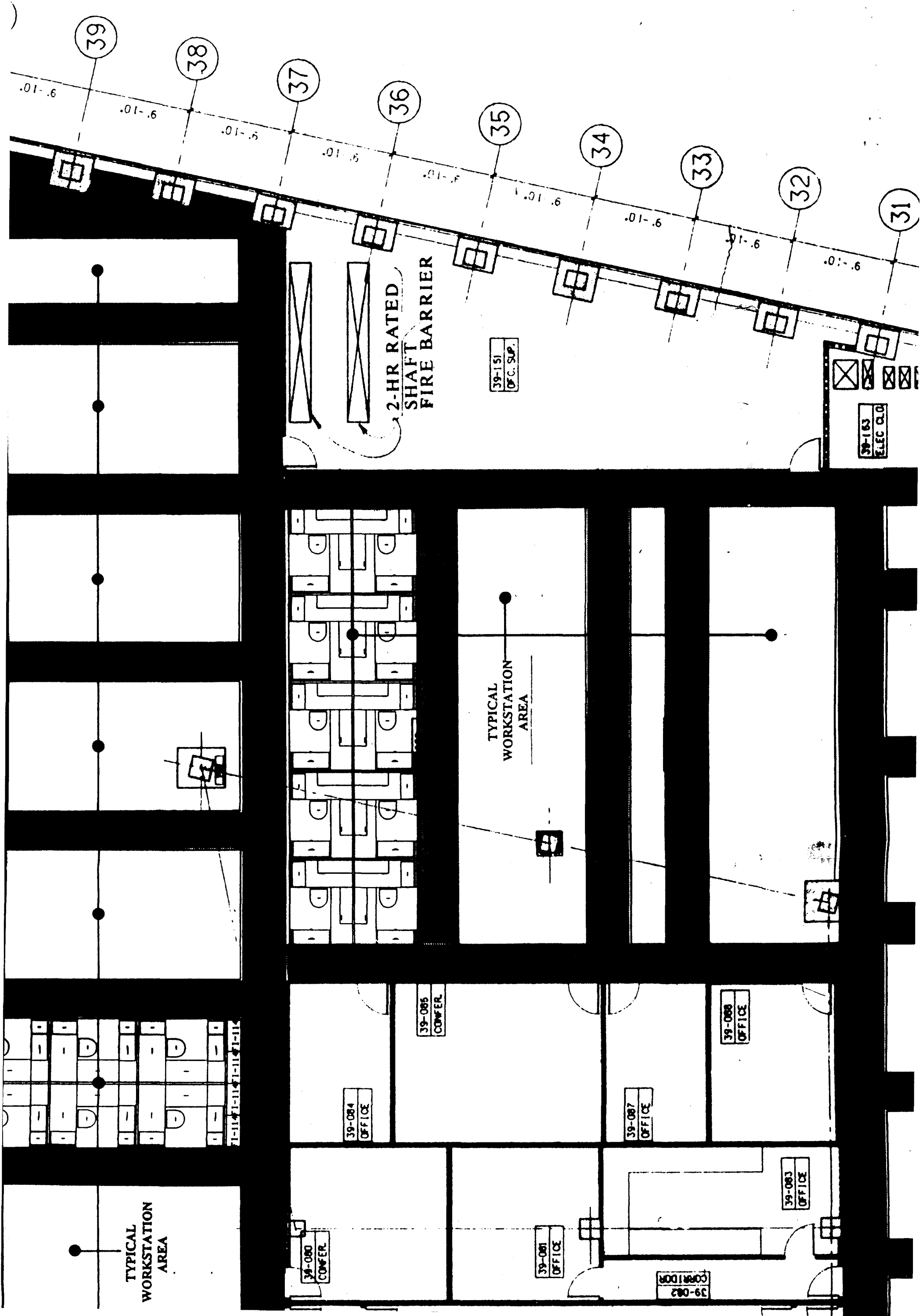
300 people > 550 people x 50%

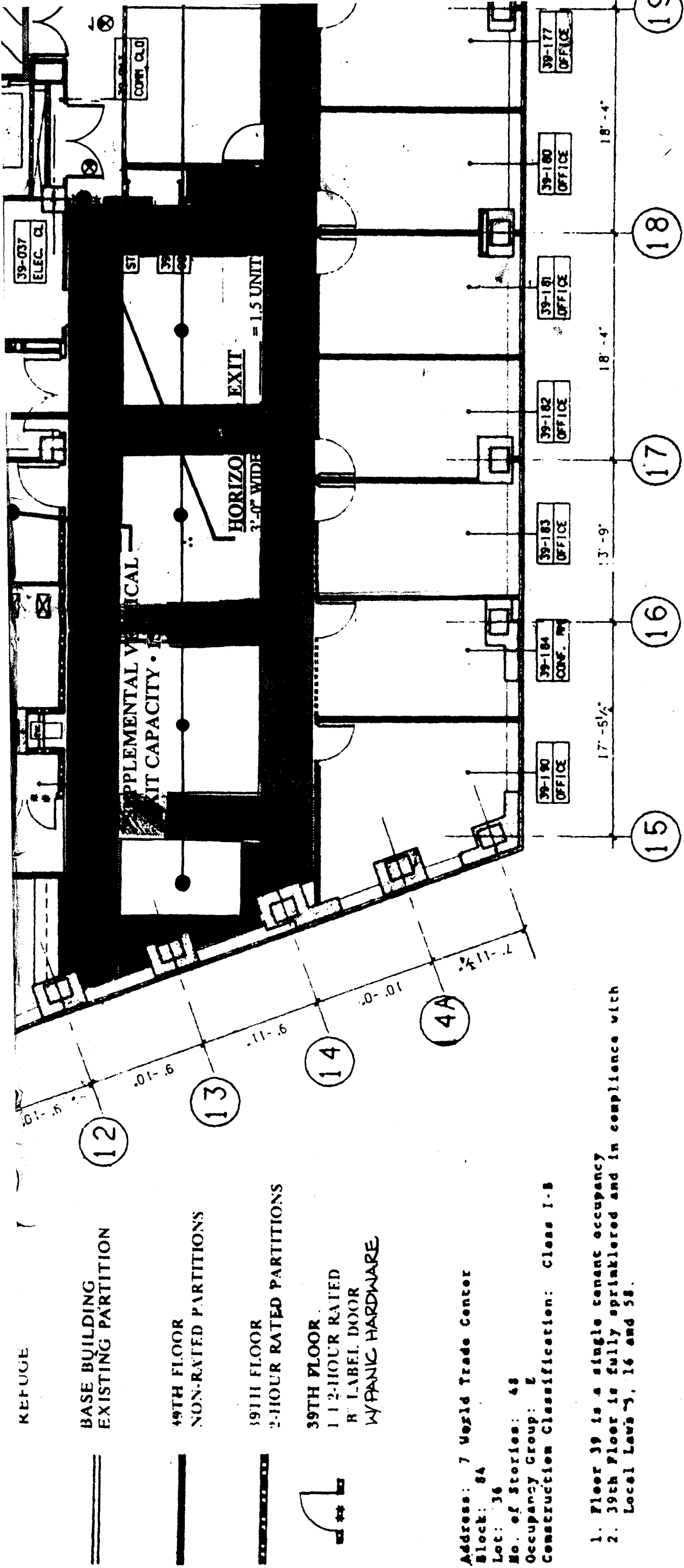
Therefore, egress capacity for the floor is satisfactory.











I. Mechanical Ventilation and Air Conditioning

- 1. The area has one packaged chilled water air conditioning unit and one in-line return/exhaust fan. Outside air is provided directly to a plenum on that A/C unit where it mixes with the return air from the auditorium. From the unit, the air is distributed to the auditorium by medium pressure ducts, variable volume boxes and low pressure ducts.

II. Smoke Control Systems and Equipment

- 1. In the event of a fire condition, the fire alarm system will transmit a shutdown or exhaust signal to the EMS. Upon receipt of a shutdown signal, the supply and return fans will stop and all dampers will return to their normal position. Upon receipt of a smoke exhaust signal, the return dampers shall close, the split damper shall open and the return

III. Communication Systems

- 1. Fire Warden Stations for two-way communications provided under Base Building Fire Alarm (F. System).
- 2. Fire alarm speakers for voice announcements provided by the Base Building F.A. system and supplemented by the tenant for added coverage.

Alarm Systems

- 1. Speakers and visual strobe lighting are provided accordance with Local Law 58/87.

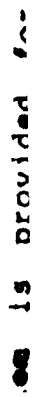
V. Smoke Detection Equipment

- 1. A tenant smoke detection

39th Floor Auditorium

Address: 7 World Trade Center
Block: 84
Lot: 36
No. of Stories: 48
Occupancy Group: E
Construction Classification: Class I-B

- 1. Floor 39 is a single tenant occupancy
- 2. 39th Floor is fully sprinklered and in compliance with Local Laws 3, 16 and 58.



any communications are
Fire Alarm (F.A.)

1. The Fire Command Station is located on the 3rd floor outside the building manager's offices.

is announcements are
F.A. system and are
added coverage.

1. Elevator recall is provided via the Base Building Fire Alarm System.

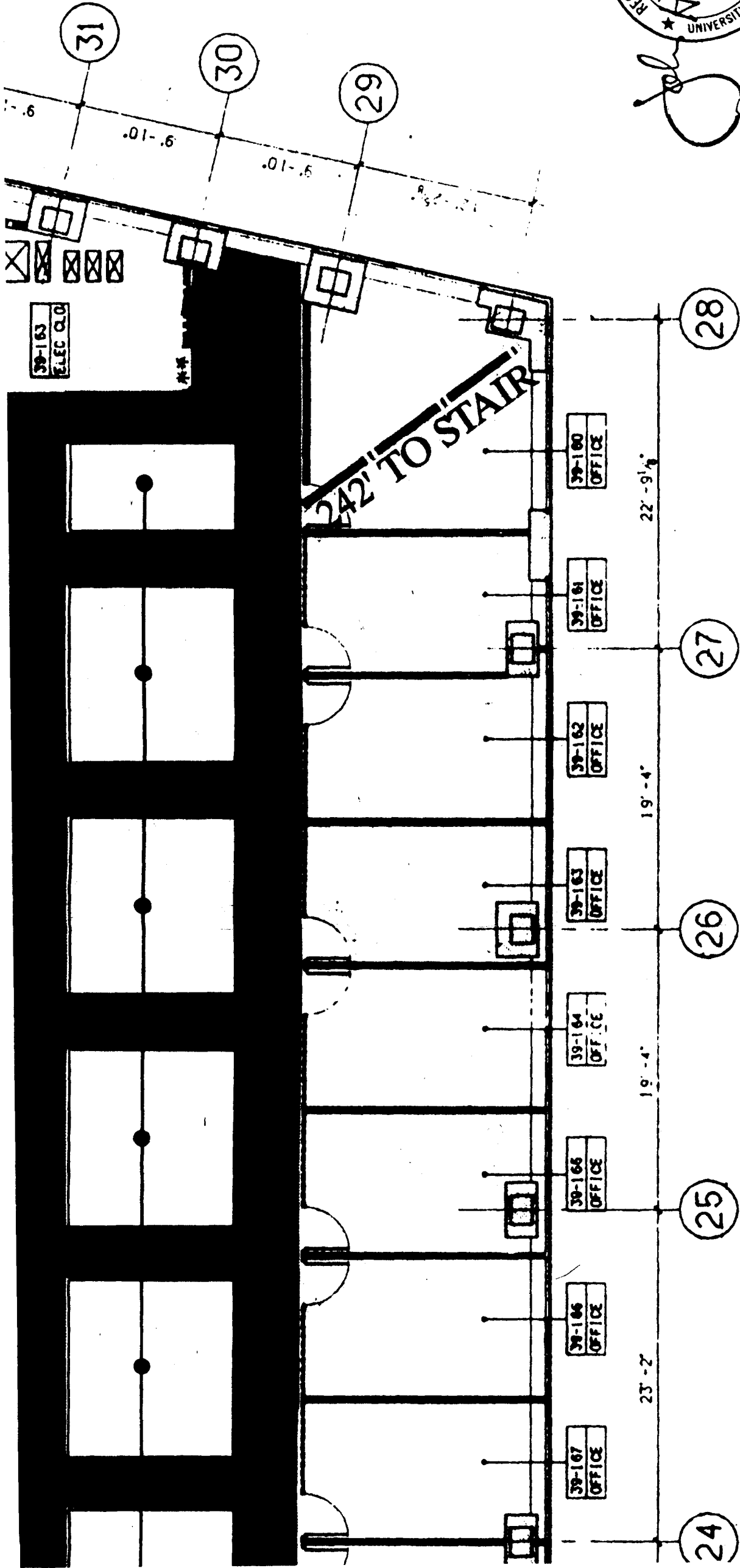
ting are provided in

1. Emergency Lighting is provided in accordance with the New York City Building Code. Emergency power service is available via building emergency generator systems. Emergency power supplies supplemental fire systems.

1. Fire Department access is provided to Class 'E' Fire Alarm System.

1. Fire Standpipe System is existing in each of two stairwells, 100 feet of hose on rack and a fire extinguisher.

2. (3) new fire hose cabinet with added to provide full hose capacity in accordance with New York City



IX. Fire Department Access

1. Fire Department access is provided via Local Law 5, Class "E" Fire Alarm System elevator controls.

x. Standpipes

1. Fire Standpipe System is existing and consist of a riser in each of two stairwells; each having 125 feet of hose on rack and a riser at column 79.
2. (3) new fire hose cabinet with 125 feet of hose are added to provide full hose coverage on each floor, in accordance with New York City Building Code.

(I. Sprinklers

1. Hydraulically designed Automatic Wet Sprinkler System connected to a 6" diameter combined sprinkler/standpipe riser in stair #2 is provided.

Furnishings Types and Materials

All finishes and materials comply with New York City guidelinee and regulations

Compartmentation

No compartmentation is included - spaces are fully sprinklered

Place of Assembly

Use Auditorium
Occupant Load : 320

Office Area Occupant Load : 230



I. Mechanical Ventilation and Air Conditioning

1. The area has one packaged chilled water air conditioning unit and one in-line return/exhaust fan. Outside air is provided directly to a plenum on that A/C unit where it mixes with the return air from the auditorium. From the unit, the air is distributed to the auditorium by medium pressure ducts, variable volume boxes and low pressure ducts.

II. Smoke Control Systems and Equipment

1. In the event of a fire condition, the fire alarm system will transmit a shutdown or exhaust signal to the EMS. Upon receipt of a shutdown signal, the supply and return fans will stop and all dampers will return to their normal position. Upon receipt of a smoke exhaust signal, the return dampers shall close, the spilt damper shall open and the return/exhaust fan shall be energized in the exhaust mode.

27TH FLOOR - OFFICE AREAS

1. Mechanical Ventilation and Air Conditioning

1. This area has two water cooled packaged air conditioning units. Outside air is provided into the mechanical room from a central outside air unit where it mixes with return air from the floor. From these units, the air is distributed to various spaces by medium pressure ducts, variable volume boxes and low pressure ducts.

II. Smoke Control Systems and Equipment

1. Activation of a smoke detector in the A/C units discharge and/or receipt of a fire alarm signal from the fire-alarm system shall de-energize the fans and close the discharge dampers.

III. Communication Systems

1. Fire Warden Stations for two-way communication provided under Base Building Fire Alarm System.
2. Fire alarm speakers for voice announcement provided by the Base Building F.A. system supplemented by the tenant for added coverage.

Alarm Systems

1. Speakers and visual strobe lighting are p
accordance with Local Law 58/87.

V. Smoke Detection Equipment

1. A tenant smoke detection system is providing an early warning of smoke condition with a manual shut-down, remote, trouble and alarm signals. Smoke detection equipment provides a signal to Base Building F.A. System and alarm in Mechanical Rooms, Electric closets, restrooms and elevator lobbies.

2. Where required, supplemental air conditioning units are installed for additional cooling.

Salomon Brothers Inc

7 WORLD TRADE CENTER HEADQUARTERS
NEW YORK. NEW YORK 10048

BARCLAY STREET

11-22-78

19

ation Systems

Warden Stations for two-way communications are provided under Base Building Fire Alarm (F.A.) system.

alarm speakers for voice announcements are provided by the Base Building F.A. system and are complemented by the tenant for added coverage.

tens

kers and visual strobe lighting are provided in accordance with Local Law 58/87.

ection Equipment

nant smoke detection system is provided for warning of smoke condition with air conditioning shut-down, remote, trouble and alarm signals. Smoke detection equipment provide remote signal to Base Building F.A. System and are located in mechanical rooms, electric closets, telephone and elevator lobbies.

al air conditioning units are installed for additional

2.

When the floor is being purged, the following shall occur:

3.

When the floor is being pre

net

or in the A/C units discharge and/or receipt of a fire arm system shall de-energize the fans and close the

Minimum outside air and return dampers shall close.

The A/C units shall be energized at 15% fan speed.

Minimum outside air

Purge ventilation and smoke exhaust dampers shall open.

Pressurization dampers shall remain closed.

Pressurization and p

Variable air volume boxes shall open fully.

Variable air volume

VI. Fire Command Station

1. The Fire Command Station is located on the 3rd floor outside the building manager's office.

IX. Fire D

1. F C

VII. Elevator Recall

1. Elevator recall is provided via the Base Building Fire Alarm System.

X. Standp

1. F

VIII. Emergency Lighting and Power

1. Emergency Lighting is provided in accordance with the New York City Building Code. Emergency power service is available via building emergency generator systems. Emergency power supplies supplemental fire systems.

2. C

XI. Sprink

1. H

S

NOTES

39th Floor Auditorium

Occupancy Group: E-1b
Occupant Load: 320

Alteration Application No. 2005-9

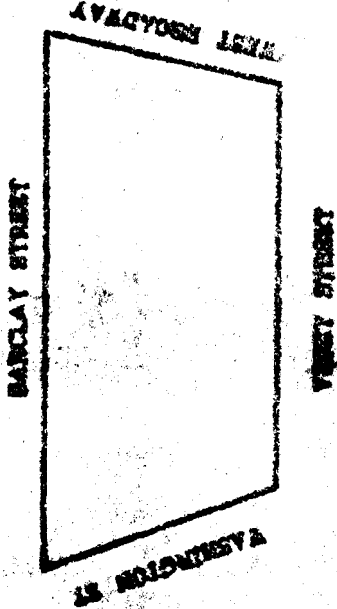
Place of Assembly separated from adjoining occupancies by fire-rated construction meeting requirements of New York City Building Code Table 5-1

Safe Area is separated from assembly space by non-combustible construction having 2-hr fire resistance rating as per New York City Building Code Section 27-533

Partition at doors of horizontal exits have 2-hr fire resistance rating as per New York City Building Code Section 27-373

Area of Refuge is separated from area which it serves by 2-hr fire resistance rated construction as per New York City Building Code Section 27-312

Fire Command Station is located on the third floor outside of



KEY PLAN



IX. Fire Department Access

- 1. Fire Department access is provided via Local Law 5, Class "E" Fire Alarm System elevator controls.

X. Standpipes

- 1. Fire Standpipe System is existing and consist of a riser in each of two stairwells; each having 125 feet of hose on rack and a riser at column 79.
- 2. (3) new fire hose cabinet with 125 feet of hose are added to provide full hose coverage on each floor, in accordance with New York City Building Code.

XI. Sprinklers

- 1. Hydraulically designed Automatic Wet Sprinkler System connected to a 6" diameter combined sprinkler/standpipe riser in stair #2 is provided.

Furnishings Types and Materials
All finishes and materials comply with New York City guidelines and regulations

Compartmentation
No compartmentation is included - spaces are fully sprinklered

Place of Assembly

Use Auditorium
Occupant Load : 320

Office Area Occupant Load : 230

When the floor is being pressurized, the following shall occur;

Minimum outside air and return dampers shall close.

Pressurization and purge ventilation dampers shall open.

Variable air volume boxes shall open fully.

The A/C units shall be energized at 100% fan speed.

Smoke purge dampers shall remain closed.

III. - X. SAME AS AT AUDITORIUM DESCRIBED ABOVE

Sprinklers

- 1. TSR, OSR

- a. Hydraulically designed automatic pre-action sprinkler system, controlled by cross-zoned smoke detectors above and below raised floors.

- 2. Office Areas: Same As At Auditorium Described Above

No.	Date	Revision
1	21 JUN 96	ISSUED TO PORT AUTHORITY
2	14 APR 96	ISSUED TO PORT AUTHORITY
3	16 JUN 92	ISSUED TO PORT AUTHORITY
4	14 FEB 92	ISSUED TO PORT AUTHORITY
5	21 NOV 91	ISSUED TO PORT AUTHORITY

SOM

FLACK AND KURTZ

Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10018

SKIDMORE, OWINGS & MERRILL

ARCHITECTS / ENGINEERS

220 East 42nd St., New York, N.Y. 10017

IRWIN G. CANTOR P.C.

Structural Engineers
210 East 42nd St., New York, N.Y. 10017

39th FLOOR

Tenant Egress

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Sheet No.

Project No.
8824-000

Date
11-22-91

Scale
1/8" = 1'-0"

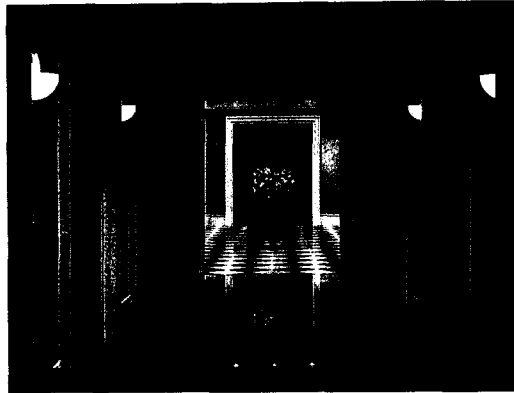
TEG-39.5

D O W N T O W N
CONFERENCE CENTER

(-FI-B-)

PUBLIC ASSY - 718-694-2407

SEVEN WORLD TRADE CENTER
NEW YORK ■ NEW YORK



FOR EXECUTIVES, FOR BUSINESS

The Downtown Conference Center was built by executives for executives. Unlike many commercial spaces, which may accommodate a business conference one day and a wedding the next, Downtown's professional conference planners and unmatched meeting and dining facilities are dedicated solely to business. Your business.

From the inlaid marble and wood paneling on our Executive Floor – elegant enough to make even the most discriminating CEO feel at home – to the comfortable Italian leather armchairs in our Executive Amphitheatre, to the gourmet French cooking of our classically trained chefs, every detail at the Downtown Conference Center has been designed with your comfort and convenience in mind.

We have taken the same care with the behind-the-scenes details as well: Each meeting room is equipped with built-in audio-visual technology and fiber-optic videoconferencing capabilities; training rooms are hard-wired to accommodate dozens of computers; and professional services such as graphic design and printing are available in-house to provide any last-minute support you may need.

For 50 people or 500, the Downtown Conference Center combines the efficiency your meeting requires with the elegance you deserve.



EXECUTIVE AMPHITHEATRE

Our large Executive Amphitheatre is one of the Downtown Conference Center's crown jewels, and one of the most comfortable meeting places in the financial district.

State-of-the-art audio-visual facilities, including a rear screen projection system with interfaces for Mac, PC and UNIX workstations and a wireless audio system, help you get your message across. Italian leather seats with flip-up desks and plenty of legroom ensure that your audience – of up to 300 people – is comfortable enough to receive it.

A self-contained unit, the Executive Amphitheatre features a private coat check and storage area and a foyer that provides a pleasant environment for registration and coffee breaks.

CONCOURSE AMPHITHEATRE

Our 200-seat Concourse Amphitheatre provides a more intimate setting for your presentations. This space features all of the advanced technology available in our Executive Amphitheatre – and all of the legroom – as well as access to the facilities of our Concourse Training Area.

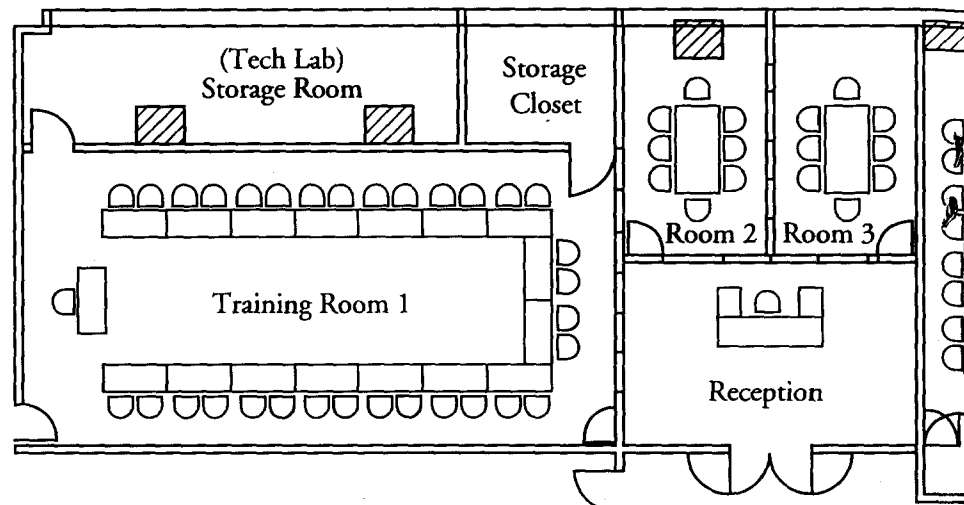


CAPACITY 320

39 FL.



THE CONCOURSE TRAINING AREA



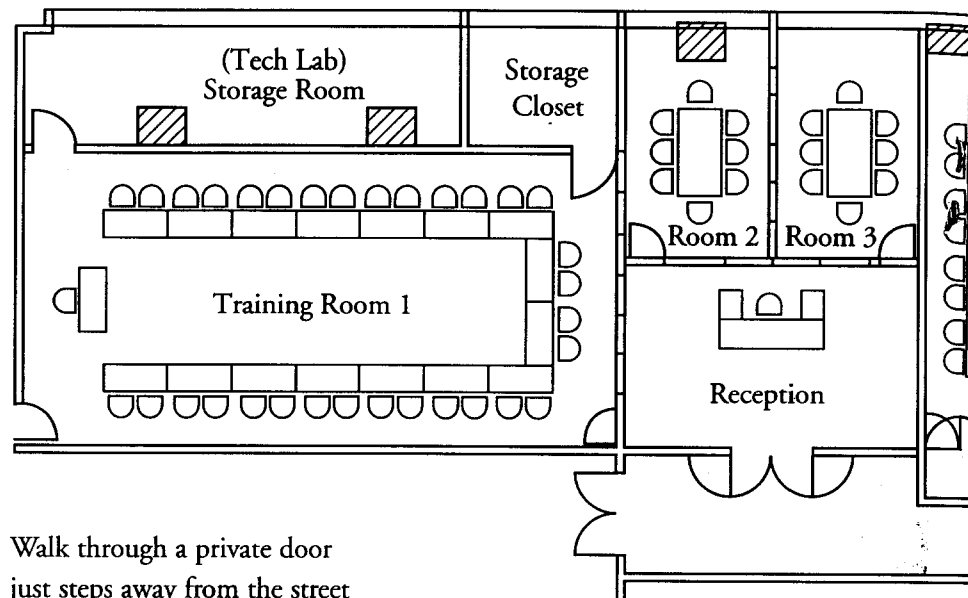
CAPACITY 265

2 FUR

areas; a 200-seat state-of-the-art amphitheatre; a fully equipped business center with telephone, fax and photocopying facilities; and a lounge with all-day coffee service.

the financial district – all for one price.

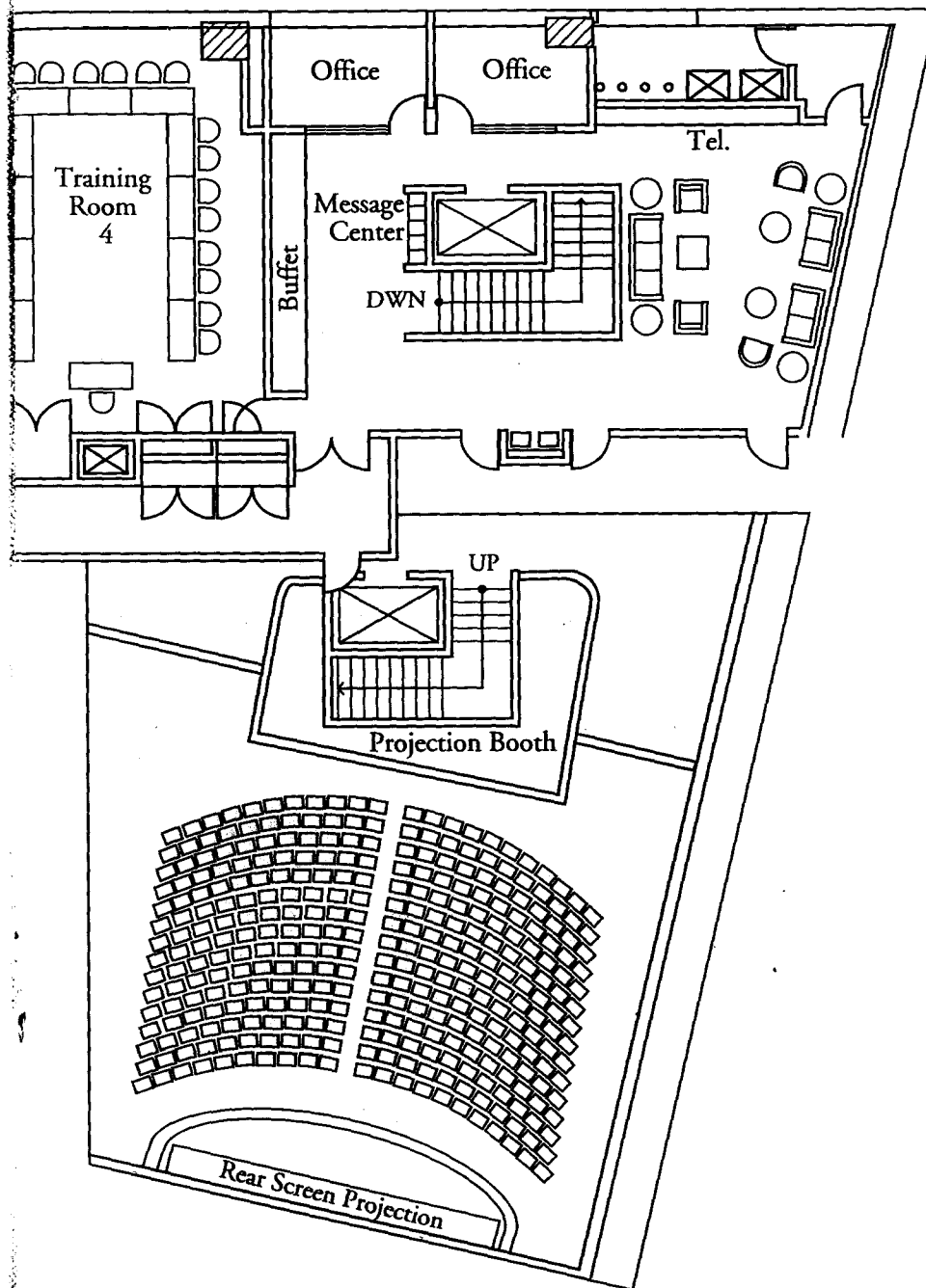
THE CONCOURSE TRAINING AREA

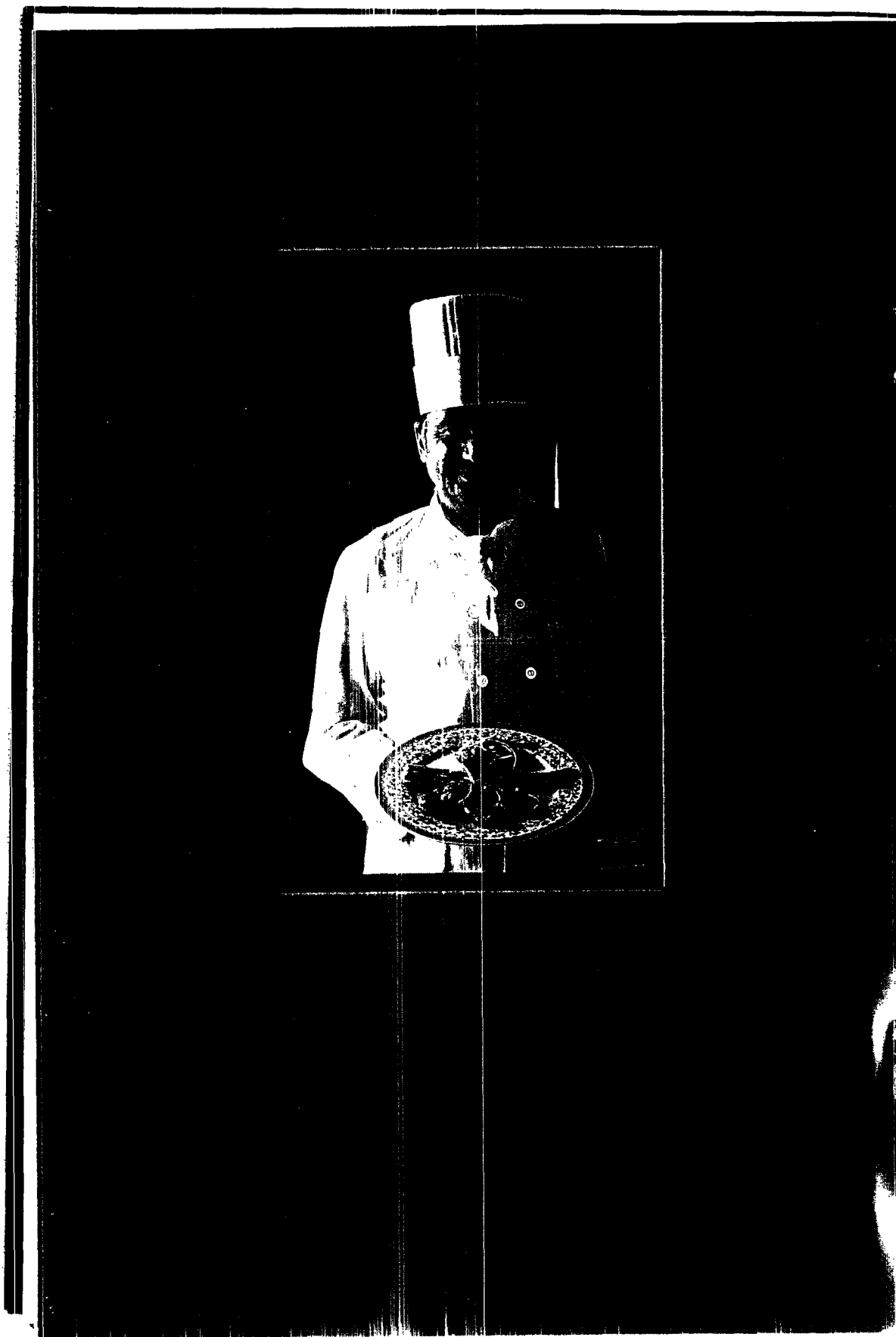


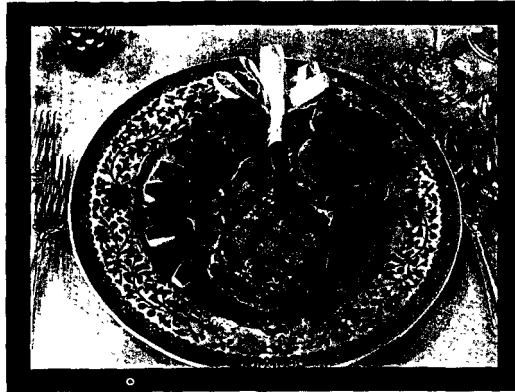
Walk through a private door just steps away from the street and you enter Downtown Conference Center's private, self-contained 2,163 square-foot Concourse Training Area: Two large and two small training rooms – all hard-wired for computer networking and telecommunications as well as audio-visual presentations and videoconferencing – two private offices; private storage areas; a 200-seat state-of-the-art amphitheatre; a fully equipped business center with telephone, fax and photocopying facilities; and a lounge with all-day coffee service.

Also at your disposal, an on-site conference service manager to make sure that everything runs smoothly.

Even the fee structure is simple: Downtown Conference Center offers its Concourse Training Area as part of a complete meeting package. Privacy and practicality – in the heart of the financial district – all for one price.







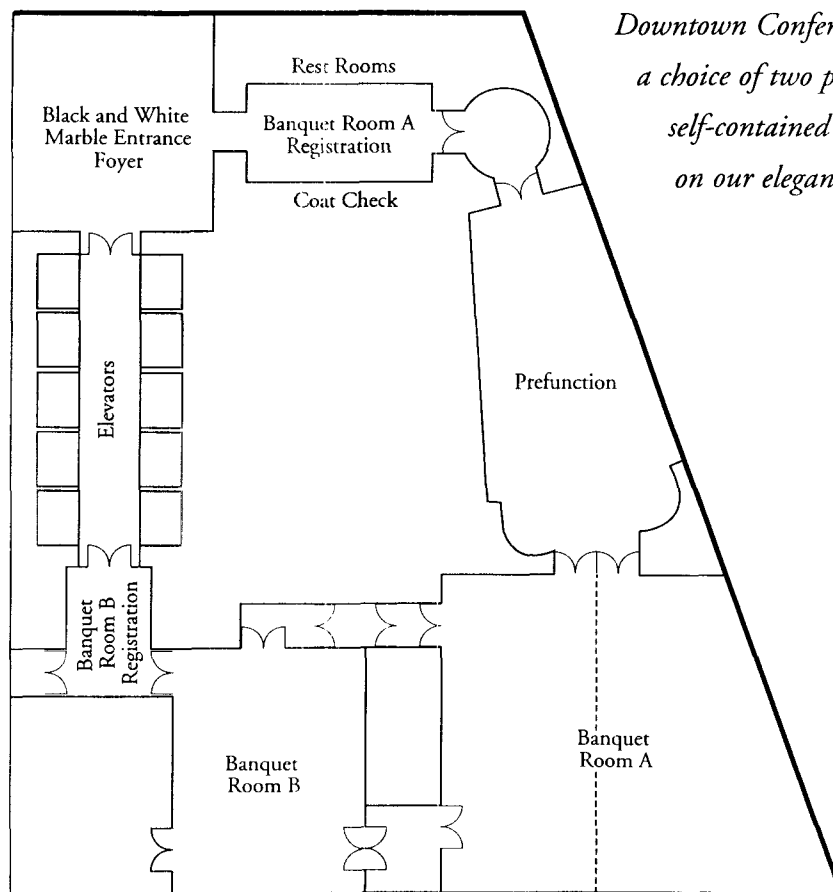
EXECUTIVE DINING

Executives are used to dining in the finest restaurants. Why should they accept less than the best just because they are at a conference?

The classically trained French chefs on our staff came to Downtown Conference Center from some of the most noted and demanding restaurants in New York City. So breakfast, lunch, or dinner you can feast on a variety of freshly baked pastries and innovative continental dishes, geared for today's health-conscious executive.

Beyond the menus – custom-designed for each occasion – the appointments of our banquet rooms allow you the flexibility of relaxing after a long day of meetings or of mixing business with your pleasure. Fine china and Cromwell silver, custom designed floor-length linens and a spectacular view of Manhattan's skyline cater to your senses. Specially designed armchairs, high-tech audio-visual equipment and videoconferencing capabilities in each banquet room allow your business presentations to continue in comfort and style.

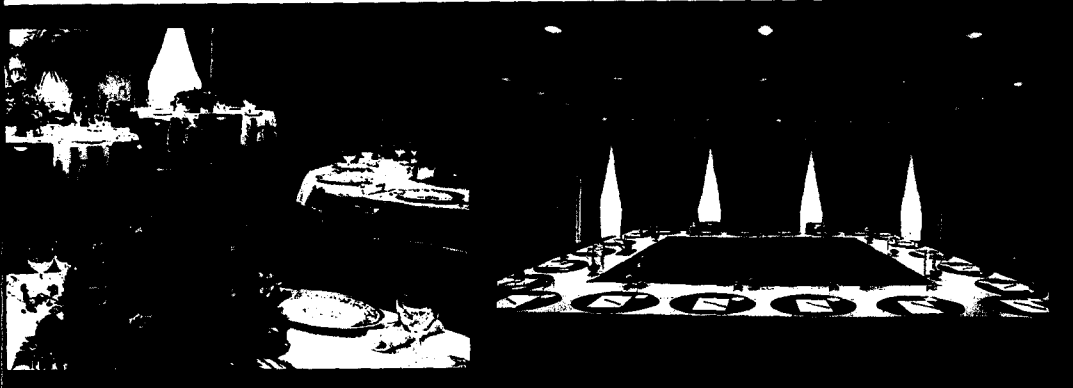
Prefunction Room



*Downtown Conference Center offers
a choice of two private, completely
self-contained banquet facilities
on our elegant Executive Floor.*

Banquet Room A

Banquet Room B



EXECUTIVE SERVICES

Downtown's professional, business-oriented staff stays on top of the details of your conference from the moment you book the space until the last of your materials are packed up and moved out. With years of experience planning meetings for Fortune 100 companies, the Conference Service Manager assigned to your account is often able to accommodate your needs before you even recognize them yourself.

Downtown also offers a range of on-site professionals who can provide

- equipment – from state-of-the-art audio-visual equipment to personal computers

- computer-generated graphics services, including slide presentations and hard copies
- printing facilities
- calligraphy services
- floral arrangements
- office services (typing, fax, copying)
- concierge services

ELEGANCE AND EASE

Downtown offers executives a choice of four private, self-contained meeting areas – the Concourse Training Area and Amphitheatre, the Executive Amphitheatre, and two separate banquet facilities on the Executive Floor – state-of-the-art technology, world-class dining facilities, and a trained, professional support staff.



IN THE HEART OF MANHATTAN'S FINANCIAL DISTRICT

Within walking distance of both major stock exchanges, New York's commodities exchange and the major Wall Street investment houses, and steps away from three luxury hotels, Downtown is easy to get to — just a short ride away from three international air-

ports (and Pennsylvania Station if your executives prefer the Metroliner).

Contact David Ambinder, the Center's Director, at (212) 783-5727 for information on how the Downtown Conference Center's elegant facilities might work for you.

THE DOWNTOWN EXECUTIVE BANQUET CENTER AND MEETING FACILITIES SEATING CAPACITY

EXECUTIVE FLOORS

Room	Square Feet	Reception	Theater	Banquet	Classroom	Ceiling Height
* Banquet Room A	2,500	300	200	200	140	10'
Banquet Room A (West)	1,250	125	80	80	50	10'
* Banquet Room A (East)	1,250	125	80	70	50	10'
Banquet Room B	1,150	100	80	90	50	10'
Pre-Function	1,345	150	70	90	40	11'
Black & White Foyer	1,090	100	—	—	—	10'
* Executive Amphitheatre	3,457	—	300	—	300	

THE CONCOURSE TRAINING AREA (opening in 1996)

Room	Square Feet	U-Shape	Classroom	Ceiling Height
Training Room 1	1,037	32	36	8'
Training Room 2	190	N/A	N/A	8'
Training Room 3	199	N/A	N/A	8'
Training Room 4	737	22	24	8'
Training Room 2/3	396	12	12	8'
* Concourse Amphitheatre	2,947	N/A	220	8'

* Rear Screen Projection

A designated conference expert will be assigned to all accounts to service and handle details of meetings.



Member, International Association of Conference Centers