NEW YORK CITY BUILDING CODE CALCULATIONS

OCCUPANCY CLASS:
F-1 ASSEMBLY WITH ACCESSORY OCCUPANCIES

STAIR CAPACITY: NYC BLDG. CODE TABLES 6-1, 8-11

STAIR NO. 1: STAIR - 2 E.U. @ 60 P./E.U. = 120 P.
DOOR - LS E.U. @ 100 P./E.U. = 350 P.
CAPACITY = 120 PERSONS

STAIR NO. 2: STAIR - 2 E.U. @ 60 P./E.U. = 120 P.
DOOR - LS E.U. @ 80 P./E.U. = 120 P.
CAPACITY = 120 PERSONS

STAIR NO. 3: STAIR - 2.5 E.U. @ 60 P./E.U. = 150 P.
DOOR - 2 E.U. @ 100 P./E.U. = 200 P.
CAPACITY = 150 PERSONS

OCCUPANT LOAD: NYC BLDG. CODE SECTION 27-367

ASSEMBLY AREAS:	824 PERSONS (PATRONS AND STAFF)
OTHER STAFF:	73 PERSONS
LOCKER ROOMS:	104 PERSONS
TOTAL OCCUPANT LOAD =	1001 PERSONS

TOTAL STAIR CAPACITY = 390 P. @ 3 AREAS OF REFUGE = 1170 PERSONS
TOTAL FLOOR CAPACITY

1001 P. OCCUPANT LOAD < 1170 P. FLOOR CAPACITY

NOTE: EACH STAIR IS ASSIGNED TO AN AREA OF REFUGE IN ADDITION, ALL STAIRS ARE MUTUALLY ACCESSIBLE BY COMMON EXIT PASSAGES.

NUMBER OF EXITS FROM FLOOR: NYC BLDG. CODE SECTION 27-366

ASSEMBLY AREA OCCUPANT LOAD: 779 PERSONS
FOR BETWEEN 500 AND 1000 PERSONS 3 EXITS FROM THE FLOOR ARE REQUIRED
THERE ARE 3 EXIT STAIRS

TRAVEL DISTANCES: NYC BLDG. CODE TABLES 6-1, 8-13

OCCUPANCY CLASS F-1:
PRIMARY - 107'-6" (SPRINKLED)
SECONDARY - 150'-0" (SPRINKLED)
OCCUPANCY CLASS B - 200'-0"
OCCUPANCY CLASS B-2 - 200'-0"
OCCUPANCY CLASS B-2 (DE) - 200'-0"
OCCUPANCY CLASS B-2 (LS) - 175'-0"
OCCUPANCY CLASS D - 200'-0"

FIRE SEPARATION/DIVISION BETWEEN OCCUPANCIES: NYC BLDG. CODE TABLES 5-1

BUILDING OCCUPANCY - E BUSINESS - FIRE INDEX 2

BETWEEN OCCUPANCIES:

F-1/E FIRE INDEX 0	/ B-3/FIRE INDEX 2	= NO REQUIREMENT
F-1/E FIRE INDEX 1	/ B-1/FIRE INDEX 3	= 1 HOUR RATED DIVISION
F-1/E FIRE INDEX 1	/ B-2/FIRE INDEX 3	= NO REQUIREMENT
F-1/E FIRE INDEX 1	/ E/FIRE INDEX 2	= NO REQUIREMENT
F-1/E FIRE INDEX 1	/ (E)FIRE INDEX 2	= NO REQUIREMENT
D-2/FIRE INDEX 2	/ E/FIRE INDEX 2	= NO REQUIREMENT
D-2/FIRE INDEX 2	/ B-1/FIRE INDEX 3	= 1 HOUR RATED DIVISION
D-2/FIRE INDEX 2	/ B-2/FIRE INDEX 3	= NO REQUIREMENT
(E)FIRE INDEX 2	/ B-1/FIRE INDEX 3	= 1 HOUR RATED DIVISION
(E)FIRE INDEX 2	/ B-2/FIRE INDEX 3	= NO REQUIREMENT

DOOR CAPACITIES: NYC BLDG. CODE TABLES 6-1, 8-13

OCCUPANCY F-1:
FIXED ASSEMBLY SPACE - 50 PERSONS/E.U.
TRUE (NOT FIXED) = 100 PERSONS/E.U.
OTHER USES = 75 PERSONS/E.U.
OCCUPANCY B-1: 100 PERSONS/E.U.
OCCUPANCY B-2: 75 PERSONS/E.U.
OCCUPANCY B-3: 60 PERSONS/E.U.
OCCUPANCY D: 100 PERSONS/E.U.

NOTE: - ALL DOORS IN 2 HOUR RATED WALLS ARE 3/4 LABEL, SELF CLOSING.
- ALL DOORS IN 1 HOUR RATED WALLS ARE 1/3 LABEL, SELF CLOSING.

CORRIDORS, EXIT PASSAGEWAYS AND SAFE AREA CAPACITIES: NYC BLDG. CODE TABLES 6-1, 8-13

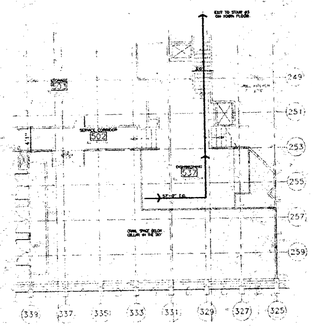
OCCUPANCY F-1: 30 PERSONS/E.U. (1'-0" MIN. WIDTH, SAFE AREA = 8'-0" MIN. WIDTH)
OCCUPANCY C: 200 PERSONS/E.U. (2'-0" MIN. WIDTH)
OCCUPANCY B-1: 100 PERSONS/E.U. (1'-0" MIN. WIDTH)
OCCUPANCY B-2: 75 PERSONS/E.U. (1'-0" MIN. WIDTH)
OCCUPANCY B-3: 75 PERSONS/E.U. (1'-0" MIN. WIDTH)
OCCUPANCY D: 100 PERSONS/E.U. (2'-0" IN. WIDTH)

KEY NOTES

1. OCCUPANT LOAD OF ROOM IS LESS THAN 12 S.F. PER PERSON, THEREFORE A CLASS 1 EXIT IS REQUIRED. (NYC BLDG. CODE SECTION 27-534(d))
2. NOT USED ON THIS SHEET
3. OCCUPANT LOAD OF ROOM IS GREATER THAN 75 PERSONS, THEREFORE 2 EXITS ARE REQUIRED. NYC BLDG. CODE SECTION 27-366)
4. NOT USED ON THIS SHEET
5. 12'-0" MINIMUM TO THE NEAREST AISLE (NYC BLDG. CODE SECTION 27-536(a)(5))
6. NOT USED ON THIS SHEET
7. NOT USED ON THIS SHEET
8. THE STATED OCCUPANT LOAD FOR THIS SPACE IS BASED ON A STANDING ROOM RECEPTION & THE FURNITURE LAYOUT IS SHOWN TO INDICATE TRAVEL DISTANCES AND CLEARANCES ONLY.

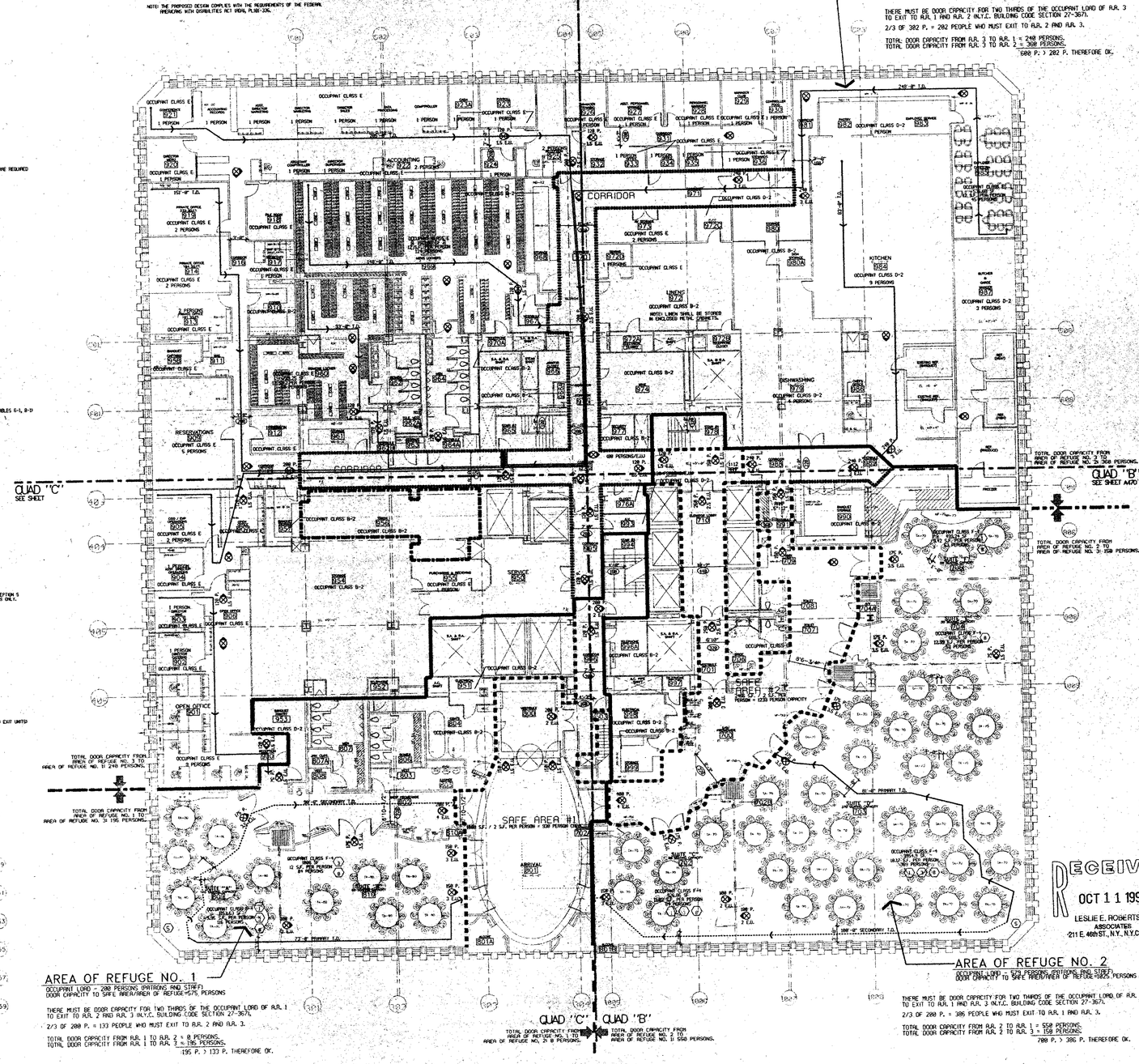
LEGEND

- AREA OF REFUGE BOUNDARY / 2 HOUR RATED SEPARATION
- SAFE AREA BOUNDARY / 2 HOUR RATED SEPARATION
- 1 HOUR RATED DIVISION
- 2 HOUR RATED DIVISION
- EXIT SIGN NUMBER INDICATES CAPACITY OF EXIT IN PERSONS AND EXIT LIMITED
- KEY NOTE
- INDICATES CAPACITY OF CORRIDOR, EXIT PASSAGE, SAFE AREA, OR STAIR
- PRIMARY TRAVEL DISTANCE
- SECONDARY TRAVEL DISTANCE



2 MEZZANINE PLAN
SCALE: 1/8"=1'-0"

NOTE: THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE FEDERAL REGULATIONS FOR DISABILITIES ACT (ADA), PUBLIC LAW 336.



1 106TH FLOOR PLAN
SCALE: 1/8"=1'-0"

AREA OF REFUGE NO. 1

OCCUPANT LOAD = 200 PERSONS (PATRONS AND STAFF)
DOOR CAPACITY TO SAFE AREA/AREA OF REFUGE=575 PERSONS

THERE MUST BE DOOR CAPACITY FOR TWO THIRDS OF THE OCCUPANT LOAD OF A.R. 1 TO EXIT TO A.R. 2 AND A.R. 3 (N.Y.C. BUILDING CODE SECTION 27-367).

2/3 OF 200 P. = 133 PEOPLE WHO MUST EXIT TO A.R. 2 AND A.R. 3.

TOTAL DOOR CAPACITY FROM A.R. 1 TO A.R. 2 = 8 PERSONS.
TOTAL DOOR CAPACITY FROM A.R. 1 TO A.R. 3 = 195 PERSONS.
195 P. > 133 P. THEREFORE OK.

AREA OF REFUGE NO. 2

OCCUPANT LOAD = 574 PERSONS (PATRONS AND STAFF)
DOOR CAPACITY TO SAFE AREA/AREA OF REFUGE=1825 PERSONS

THERE MUST BE DOOR CAPACITY FOR TWO THIRDS OF THE OCCUPANT LOAD OF A.R. 2 TO EXIT TO A.R. 1 AND A.R. 3 (N.Y.C. BUILDING CODE SECTION 27-367).

2/3 OF 288 P. = 386 PEOPLE WHO MUST EXIT TO A.R. 1 AND A.R. 3.

TOTAL DOOR CAPACITY FROM A.R. 2 TO A.R. 1 = 558 PERSONS.
TOTAL DOOR CAPACITY FROM A.R. 2 TO A.R. 3 = 158 PERSONS.
788 P. > 386 P. THEREFORE OK.

RECEIVED
OCT 11 1995
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211 E. 46th ST., N.Y., N.Y.C. 10017

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BLDG. A — NORTH — BLDG. B

NO.:	DATE:	REVISIONS:
		CONSTRUCTION DOCUMENTATION SUBMISSION
1	5/22/95	PA QUERIES/REVISIONS
2	10/6/95	ISSUE FOR CONSTRUCTION

TITLE: EGRESS PLAN-106TH FL. ALTERNATE SEATING 'A'

HHPA PROJECT NO.: 5466.01
DRAWING NO.: A011A
DATE:
SCALE: 1/8"=1'-0"

TAA 951114.07