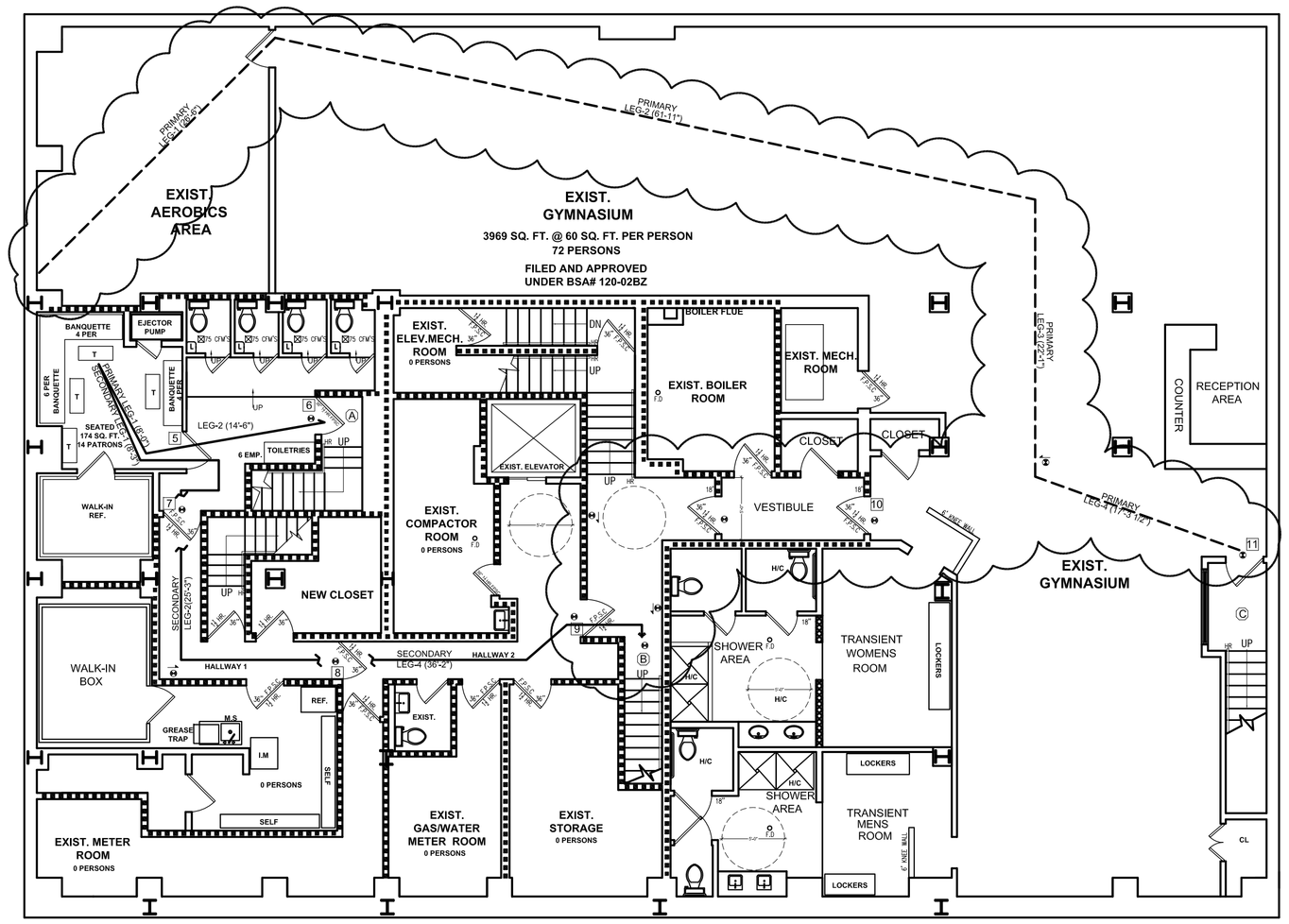
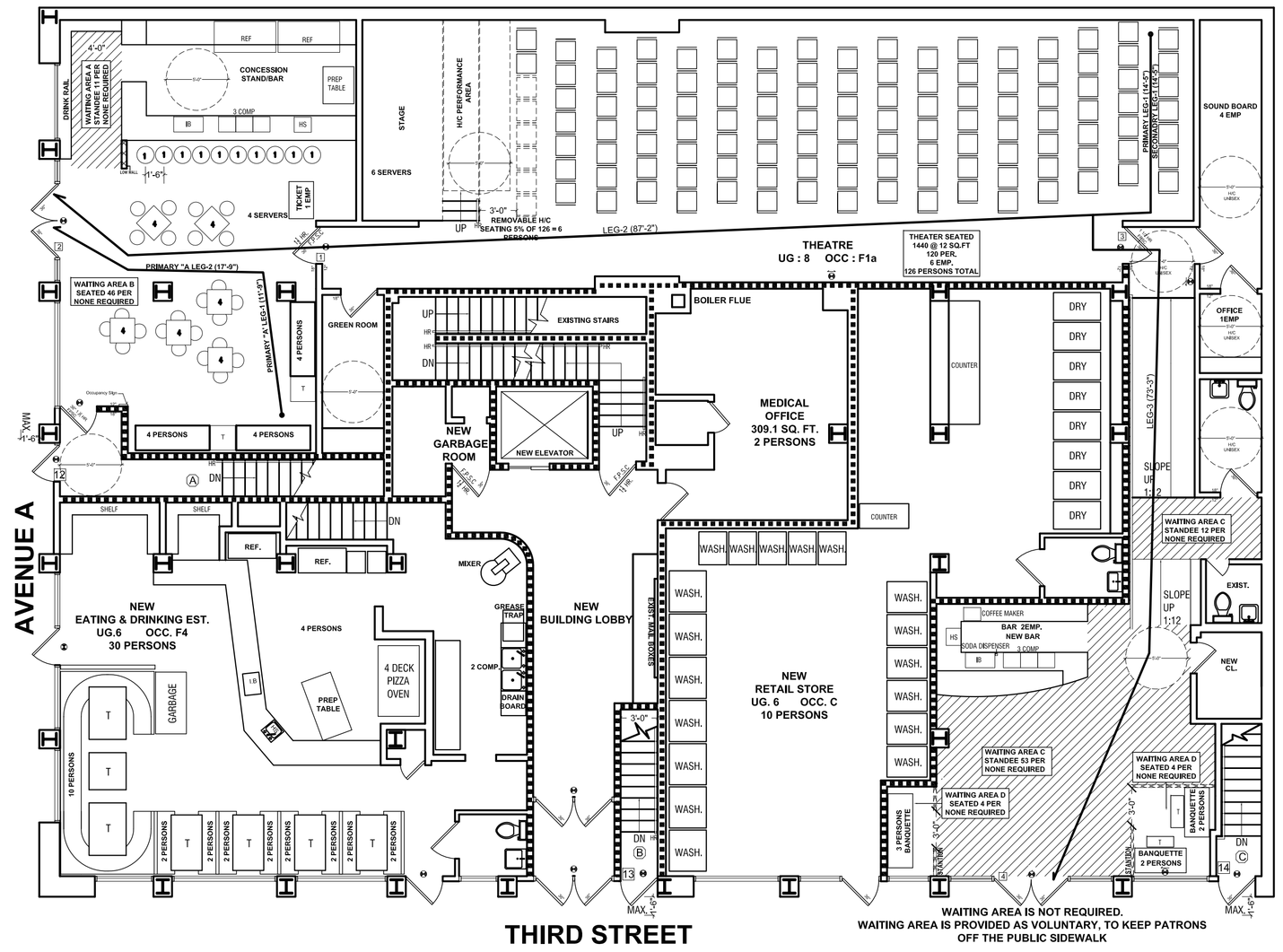


CELLAR FLOOR
1/8" = 1'-0"



FIRST FLOOR
1/8" = 1'-0"

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LEGEND

EXISTING PARTITION

NEW 2HR. RATED PARTITION; 2 LAYERS 5/8" TYPE "X" GYP. BD ON EACH SIDE 3-1/2" METAL STUDS - FLOOR TO CEILING

ILLUMINATION EXIT SIGN WITH BATTERY BACKUP

DOOR EGRESS CHART (TABLE 8-1)

DOOR	FLOOR	SIZE	QNT.	FIRE RATED	PER UNIT	UNIT WIDTH	ALLOW	ACTUAL
5	CELLAR	36"	1	NO	1.5	50	75	14
6	CELLAR	36"	1	YES	1.5	50	75	7
7	CELLAR	36"	1	YES	1.5	50	75	7
8	CELLAR	36"	1	YES	1.5	50	75	7
9	CELLAR	36"	1	YES	1.5	50	75	7
10	CELLAR	36"	1	YES	1.5	50	75	36

DOOR EGRESS CHART (TABLE 6-1)

11	CELLAR	36"	1	YES	1.5	80	120	36
12	FIRST	36"	1	NO	1.5	80	120	14
13	FIRST	36"	1	NO	1.5	80	120	42
14	FIRST	36"	1	NO	1.5	80	120	36

HALLWAY EGRESS CHART (TABLE 8-1)

HALLWAY	SIZE	PER UNIT	UNIT WIDTH	ALLOW	ACTUAL
1	44"	2	80	160	6
2	44"	2	80	160	6

STAIR EGRESS CHART (TABLE 8-1)

STAIR	SIZE	PER UNIT	UNIT WIDTH	ALLOW	ACTUAL
A	36"	1.5	60	90	14

STAIR EGRESS CHART (TABLE 6-1)

B	36"	1.5	60	90	43
C	36"	1.5	60	90	36

TRAVEL DISTANCE CHART (FULLY SPRINKLED)TABLE 8-1

AREA	NAME	LEG-1	LEG-2	LEG-3	LEG-4	TOTAL
CELLAR	PRIMARY	8'-0"	14'-6"	--	--	22'-6"<127'-6"
	SECONDARY	8'-3"	25'-3"	36'-2"	--	69'-8""<187'-6"

TRAVEL DISTANCE CHART (FULLY SPRINKLED) TABLE 6-1

AREA	NAME	LEG-1	LEG-2	LEG-3	LEG-4	TOTAL
CELLAR GYMNASIUM	SECONDARY	26'-6"	61'-11"	22'-11"	17'-3 1/2"	127'-10"<200'-0"

OCCUPANCY CHART

FLOOR	AREA	PATRONS	PATRONS	EMP.	TOTAL
CELLAR	SEATING	168 @ 12 sq.ft	14	6	20
CELLAR	GYMNASIUM	3,969 @ 60 sq.ft	66	6	72

EGRESS ANALYSIS (CELLAR)

THE CELLAR CONSISTS OF 20 PERSONS [14 PATRONS + 6 EMPLOYEES= 20 PERSONS]. THE 14 PERSONS FROM THE SEATING AREA AT THE CELLAR WILL USE DOOR 5 [ALLOWING 75 PERSONS] THEN USE DOOR 6 [ALLOWING 75 PERSONS] TO USE STAIRS A [ALLOWING 120 PERSON] TO GO UP TO THE FIRST FLOOR AND USE DOOR 12 [ALLOWING 75 PERSONS] TO EGRESS DIRECTLY OUT ON TO AVENUE A. THE REMAINING 6 PERSONS FROM THE CELLAR WILL USE DOOR 7 [ALLOWING 75 PERSONS] GO THRU THE HALLWAY1 [ALLOWING 200 PERSONS] AND USE DOOR 8 [ALLOWING 75 PERSONS] TO THRU HALLWAY 2 [ALLOWING 200 PERSONS] AND USE DOOR 9 [ALLOWING 120 PERSONS] TO USE STAIR B [ALLOWING 90 PERSONS] TO GO UP TO THE FIRST FL. AT THE FIRST FLOOR THE 6 PERSONS FROM THE SEATING AREA PLUS 36 PERSONS FROM GYMNASIUM @ THE CELLAR WILL USE DOOR 13 [ALLOWING 75] TO EGRESS DIRECTLY OUT ON TO THIRD STREET.

TRAVEL DISTANCE CHART (FULLY SPRINKLED)

AREA	NAME	LEG-1	LEG-2	LEG-3	LEG-4	TOTAL
FIRST THEATRE	PRIMARY	14'-5"	87'-2"	--	--	22'-6"<127'-6"
	SECONDARY	14'-5"	7'-4"	73'-3"	--	69'-8"<187'-6"
WAITING AREA B	PRIMARY	11'-9"	17'-9"	--	--	29'-6"<127'-6"

OCCUPANCY CHART

FLOOR	AREA		PATRONS	EMP.	TOTAL
FIRST FLOOR	WAITING A	44 @ 4 SQ.FT	11	8	65
FIRST FLOOR	WAITING B	552 @ 12 SQ.FT	46		
FIRST FLOOR	THEATER	1440 @ 12 SQ.FT	120	6	126
FIRST FLOOR	WAITING C	260 @ 4 SQ.FT	65	7	79
FIRST FLOOR	WAITING D	84 @ 12 SQ.FT	7		
CELLAR	SEATING	168 @ 12 SQ.FT	14	6	20
TOTAL			263	27	290

TOTAL 290 PER

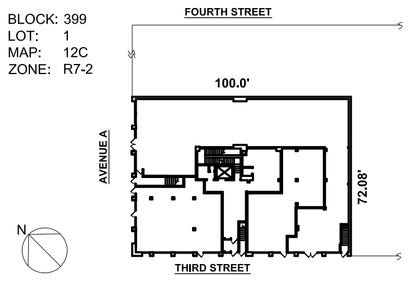
DOOR EGRESS CHART (TABLE 8-1)

DOOR	FLOOR	SIZE	QNT.	FIRE RATED	PER UNIT	UNIT WIDTH	ALLOW	ACTUAL
1	FIRST	36"	1	YES	1.5	50	75	65
2	FIRST	36"	2	NO	3	50	150	130
3	FIRST	36"	1	YES	1.5	50	75	61
4	FIRST	36"	2	NO	3	50	150	141

EGRESS ANALYSIS (1ST FLOOR)

THE FIRST FLOOR CONSISTS OF 270 PERSONS [120 PATRONS + 6 EMP. FROM THE THEATRE & 129 PATRONS + 15 EMP. FROM WAITING AREAS A,B,C,D = 270 PERSONS TOTAL.] 65 PERSONS FROM THE THEATER WILL USE DOOR 1 [ALLOWING 75 PERSONS] AND COMBINE WITH THE 65 PERSONS FROM THE WAITING AREA A & B TOGETHER 130 PERSONS WILL USE DOORS 2 [ALLOWING 150 PERSONS] TO EGRESS TOGETHER DIRECTLY OUT ON TO AVENUE A. THE REMAINING 61 PERSONS FROM THE THEATRE WILL USE DOOR 3 [ALLOWING 75 PERSONS] GO DOWN THE RAMP AND COMBINE WITH THE 73 PERSONS FROM WAITING AREA C & D + 7 EMPLOYEES = 80 PERSONS AND TOGETHER 141 PERSONS WILL USE DOORS 4 [ALLOWING 150 PERSONS] TO EGRESS DIRECTLY OUT ON TO THIRD STREET.

PLOT PLAN (NTS)



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REVISIONS

DATE:	REV NO:	DESCRIPTIONS

CELLAR AND FIRST FLOORS

42 AVENUE A Manhattan, NY

Sheet no: A-004.01

Sc:	
Date:	JUNE-2016
Drawn:	D.L.
Checked:	B.O.

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