

OCCUPANT LOAD				
ROOM#	ROOM NAME	AREA	OLF	OCCUPANTS
EXISTING	99 COFFEE BAR	285	200	1.43
EXISTING	100 BACKFLOW	28	300	0.09
EXISTING	101 VESTIBULE	102	100	1.02
EXISTING	102 HALLWAY	2,417	100	24.17
EXISTING	103 COMMON AREA DINING	3,688	15	245.87
EXISTING	104 CENTER BAR	398	200	1.99
EXISTING	105 FUTURE KITCHEN	1,458	200	7.29
EXISTING	106 FUTURE KITCHEN	1,525	200	7.63
EXISTING	107 FUTURE KITCHEN	1,512	200	7.56
EXISTING	108 DESSERT BAR	183	200	0.92
EXISTING	109 WOMEN	570	100	5.70
EXISTING	110 MEN	375	100	3.75
EXISTING	111 FAMILY	69	100	0.69
EXISTING	112 SPORTS BAR BEHIND THE BAR	678	200	3.39
EXISTING	113 STORAGE	2,040	15	136.00
EXISTING	114 BOX OFFICE	178	300	0.59
EXISTING	115 AV ROOM	79	100	0.79
EXISTING	116 OFFICE	62	100	0.62
EXISTING	117 STORAGE	114	100	1.14
EXISTING	118 MEN	166	300	0.55
EXISTING	119 WOMEN	166	100	1.66
EXISTING	120 PIANO BAR BACK OF BAR	166	100	1.66
EXISTING	121 PIANO BAR PLATFORM	1,174	200	5.87
EXISTING	122 VIP SEATING	171	15	11.40
EXISTING	123 PIANO BAR SEATING	497	15	33.13
EXISTING	124 PIANO BAR ELEVATED SEATING	2,223	15	148.20
EXISTING	125 JANITOR	955	15	63.67
EXISTING	126 WOMEN	102	300	0.34
NEW	127 MEN	504	100	5.04
NEW	128 STORAGE	230	100	2.30
EXISTING	129 ELECTRICAL ROOM	16,562	500	33.12
EXISTING	130 FIRE RISER	73	300	0.24
EXISTING	131 ELEVATOR EQUIP	102	300	0.34
NEW	132 DRESSING ROOM	104	300	0.35
NEW	133 DRESSING ROOM	174	100	1.74
NEW	134 DRESSING ROOM	207	100	2.07
NEW	135 UNISEX	289	100	2.89
NEW	136 PORTABLE STAGE	74	100	0.74
NEW	137 GREEN ROOM	1,334	15	88.93
NEW	138 STORAGE	310	15	20.67
NEW	201 DRESSING ROOM	2,413	300	8.04
NEW	202 DRESSING ROOM	174	100	1.74
NEW	203 DRESSING ROOM	207	100	2.07
NEW	204 UNISEX	289	100	2.89
NEW	205 STAIR	74	100	0.74
NEW	206 OPEN OFFICE	72	100	0.72
NEW	207 OPEN OFFICE	392	100	3.92
NEW	208 OFFICE	686	100	6.86
NEW	209 OFFICE	138	100	1.38
NEW	210 CONFERENCE ROOM	138	100	1.38
NEW	211 WOMEN	282	15	18.80
NEW	212 STORAGE	406	100	4.06
NEW	212 STORAGE	6,492	500	12.98
TOTAL OCCUPANT LOAD		53,107.00		941.13

- NOTE:
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE FIRE MARSHAL'S OFFICE FOR REVIEW AND APPROVAL FOR ANY INSTALLATION OR MODIFICATION TO THE FIRE SPRINKLER SYSTEM, FIRE ALARM SYSTEM, OR ANY OTHER FIRE RELATED SYSTEM.
 - THE FIRE SPRINKLER SYSTEM SHALL BE SUPERVISED.
 - ALL DOORS WITH EXIT SIGN SHALL HAVE PANIC HARDWARE.

NOTE:

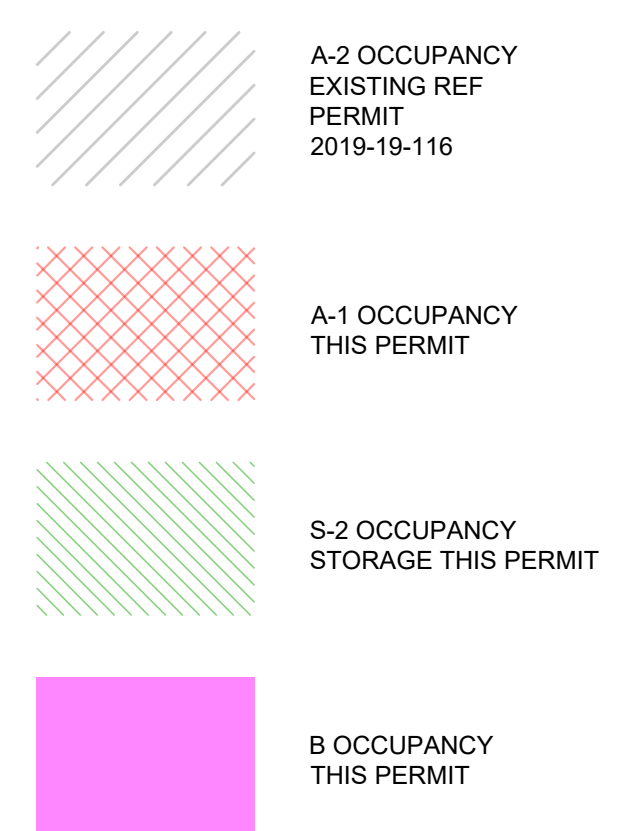
THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM SHALL BE INTERLOCKED WITH THE GAS SYSTEM TO THE COOKING APPLIANCES LOCATED UNDER THE HOOD PER UMC 513.4. THE MAKE-UP AIR UNIT SHALL BE INTERLOCKED WITH THE KITCHEN EXHAUST HOOD FAN PER NMAC 14.9.2.13.

NOTE:

THE 2-HOUR AREA SEPARATION WALL WAS CONSTRUCTED UNDER PERMIT #2019-19116

CODE ANALYSIS PLAN / FIRE 2 PLAN LEVEL 2

SCALE: 1/16" = 1'-0"



CODE ANALYSIS
 OCCUPANCY CLASSIFICATION
 EXISTING GROUP M OCCUPANCY CHANGING TO:
 PERFORMANCE SPACE GROUP A-1
 OFFICE GROUP B

BUILDING TYPE:
 IBC TABLE 601 & SECTION 602.2
 CONSTRUCTION TYPE TYPE II-B-2 STORY SPRINKLED

FIRE-RESISTIVE REQUIREMENTS PER IBC TABLE 601

STRUCTURAL FRAME	0 HR
EXTERIOR BEARING WALLS	0 HR
NON-BEARING WALLS	0 HR
ROOF CONSTRUCTION	0 HR

ALLOWABLE BUILDING AREA:
 IBC TABLE 506.2

TOTAL BUILDING AREA = 53,107 SF

A-2 OCC. / TYPE II-B-S1 = 38,000 SF ALLOWABLE - 21,358 SF ACTUAL
 A-1 OCC. / TYPE II-B-S1 = 34,000 SF ALLOWABLE - 2,184 SF ACTUAL
 S-2 OCC. / TYPE II-B-S1 = 34,000 SF ALLOWABLE - 27,213 SF ACTUAL
 B OCC. / TYPE II-B-S1 = 92,000 SF ALLOWABLE - 2,352 SF ACTUAL

CODE ANALYSIS PLAN / FIRE 2 PLAN LEVEL 1

SCALE: 1/16" = 1'-0"

AREA SEPARATION:
 A-1 AND A-2 = 1 HR, IBC TABLE 508.4
 A-1 AND B = 1 HR
 A-2 AND B = 1 HR
 S-2 AND B = 1 HR
 S-2 AND A-1 = NOT REQUIRED
 S-2 AND A-2 = NOT REQUIRED
 FIRE WALL = GROUP A, 2 HR @ TYPE II CONSTRUCTION, IBC TABLE 706.4

OCCUPANT LOAD = 4,212 OCCUPANTS FOR WHOLE BUILDING

PLUMBING:
 IBC 2902.1

EXISTING RESTAURANT GROUP A-2:
 MEN = 384 OCC / 40 = 6 URINAL, 4 WATER CLOSETS
 WOMEN = 384 OCC / 40 = 10 WATER CLOSETS
 LAVATORIES = 767 OCC / 75 = 5 EA MEN / WOMEN
 DRINKING FOUNTAIN NOT REQUIRED PER UPC 415.2
 1 FAMILY RESTROOM PROVIDED PER IBC 1109.2.1

NEW GROUP A-1
 MEN = 9 OCC / 125 = 1 WATER CLOSETS
 WOMEN = 9 OCC / 65 = 1 WATER CLOSETS
 LAVATORIES = 18 OCC / 200 = 1 EA MEN / WOMEN
 DRINKING FOUNTAIN = 9 / 500 = 1

PLUMBING:
 IBC 2902.1

OFFICE GROUP B:
 MEN = 22 OCC / 25 = 1 WATER CLOSETS
 WOMEN = 22 OCC / 25 = 1 WATER CLOSETS
 LAVATORIES = 43 OCC / 40 = 1 EA MEN / WOMEN
 DRINKING FOUNTAIN = 43 OCC / 100 = 1

STORAGE GROUP S:
 MEN = 22 OCC / 100 = 1 WATER CLOSETS
 WOMEN = 22 OCC / 100 = 1 WATER CLOSETS
 LAVATORIES = 44 OCC / 100 = 1 EA MEN / WOMEN
 DRINKING FOUNTAIN = 44 OCC / 1000 = 1

WALLS AND INTERIOR PARTITIONS, NONCOMBUSTIBLE

GA FILE NO. WP 1072	GENERIC	1 HOUR FIRE	45 TO 49 STC SOUND
GYPHUM WALLBOARD, STEEL STUDS One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 3/8" steel studs 24" o.c. with 1" Type S drywall screws 8" o.c. at vertical joints and 12" o.c. at floor and ceiling runners and intermediate studs.			
Joints staggered 24" on each side and on opposite sides. Sound tested with 3 1/2" glass fiber friction fit in stud space. (NLB)			
Thickness: 4 7/8" Linting Height: Refer to Section IV Approx. Weight: 6 pcf See WP 1200 Fire Test: (FM) WP-45, 6-19-88; OSU 1-1770, 9-61; ULC 79T484, 79T500, 79T497, 8-12-81, ULC Design W415) NRCC 816-NV, 2-3-81		Sound Test:	

CODE LEGEND

- 3 HOUR FIRE RATED ASSEMBLY
- 2 HOUR FIRE RATED ASSEMBLY
- 1 HOUR FIRE RATED ASSEMBLY
- SMOKE BARRIER 1 HOUR RATED
- DIRECTION OF EGRESS
- DIRECTION OF EGRESS WITH NUMBER OF OCCUPANTS INDICATED
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER IN AREAS OTHER THAN THE KITCHEN ARE TO BE 2A-10BC SURFACE MOUNTED TYPE ABC. FIRE EXTINGUISHER IN THE KITCHEN TO BE TYPE K.
- FIRE DEPARTMENT HOSE CONNECTION

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CODE ANALYSIS / FIRE 2 PLAN

	DESIGNED	PROJECT NO.
	DRAWN	SCALE
	CHECKED	DRAWING NO.
	REVIEWED	G-101
DATE	11/12/2021	OF