

CODE ANALYSIS			
IBC 2018 AND NFPA 101-2009	EXISTING BUILDING	EXISTING SPACE	PROPOSED SPACE
IBC 2018 BUILDING USE GROUP CLASSIFICATION(S)	B	B	B
NFPA 101 OCCUPANCY CLASSIFICATION(S)	BUSINESS	BUSINESS	BUSINESS
SEPARATED MIXED USE PER IBC/ NFPA (Y/N)	NO	NO	NO
CONSTRUCTION TYPE PER IBC 2018	V-B	V-B	V-B
NUMBER OF STORIES ABOVE GRADE	1	1	1
HIGH RISE (Y/N)	NO	NO	NO
FIRE ALARM SYSTEM (Y/N)	NO	NO	NO
FULLY SPRINKLED AND MONITORED (Y/N)	YES	YES	YES
TOTAL BUILDING AREA (S.F.)	N/A	1,220 S.F.	1,220 S.F.
FLOOR AREA OF RENOVATION/ TENANT SPACE (S.F.)	N/A	1,220 S.F.	1,220 S.F.

MATERIAL PERFORMANCE		
MATERIAL	CLASS	FLAME SPREAD INDEX
CUSTOMER LOBBY CEILING TILE	CLASS A	<25
PRODUCTION AREA CEILING TILE	CLASS A	<25
FLOOR TILE	CLASS A	<25
WALL TILE	CLASS A	<25
WALL PAINT	CLASS A	<5
PLASTIC LAMINATE	CLASS A	<25
FRP PANELS	CLASS A	<25
CORIAN SOLID SURFACE	CLASS A	<25

EXIT ACCESS TRAVEL DISTANCE		
OCCUPANCY	WITHOUT SPRINKLER SYSTEM (FEET)	WITH SPRINKLER SYSTEM (FEET)
A, E, F-1, M, R, S-1	200	250
I-1	NOT PERMITTED	250
B	200	300
F-2, S-2, U	300	400
H-1	NOT PERMITTED	75
H-2	NOT PERMITTED	100
H-3	NOT PERMITTED	150
H-4	NOT PERMITTED	175
H-5	NOT PERMITTED	200
I-2, I-3, I-4	NOT PERMITTED	200

PROJECT STATISTICS:

BUILDING DATA

TOTAL AREA OF DOMINO'S PIZZA TENANT SPACE: 1,220 S.F. GROSS

OCCUPANT LOAD SUMMARY

OCCUPANCY CLASSIFICATION: GROUP B (LESS THAN 50 OCCUPANTS)

IBC SECTION 303.1
EXCEPTION 2. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.
EXCEPTION 3. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS LESS THAN 750 SQUARE FEET IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

LOBBY AREA
GROSS AREA = 106 S.F.
LOAD FACTOR @ 1/100 BUSINESS
OCCUPANT LOAD = 2

PRODUCTION AREA
GROSS AREA = 472 S.F.
LOAD FACTOR @ 1/200 KITCHEN, COMMERCIAL
OCCUPANT LOAD = 3

STORAGE AREA
GROSS AREA = 591 S.F.
LOAD FACTOR @ 1/300 ACCESSORY STORAGE
OCCUPANT LOAD = 2

TOTAL OCCUPANT LOAD = 7

EXITS:
CUSTOMER AREA = 1
TOTAL EXITS = 2

7 PERSONS IN THIS SPACE X .20" / PERSON = 1.4 INCHES MIN. REQ'D
EXIT WIDTH PROVIDED = 73.5 INCHES PROVIDED

TOILETS:
TOTAL NUMBER OF TOILET FACILITIES = 1 PROVIDED

FIRE EXTINGUISHER NOTES

- ALL FIRE EXTINGUISHERS SHALL BE STATE OF MISSOURI CERTIFIED. ALL FIRE EXTINGUISHERS SHALL BE PROPERLY MOUNTED AT THE HEIGHT REQUIREMENTS OF NO HIGHER THAN 4'-6" A.F.F. TO THE TOP OF THE EXTINGUISHER AND AT LEAST 6" FROM FLOOR TO THE BOTTOM OF EXTINGUISHER. (NFPA 10: 6.1.3.8)
- ALL PROPERLY MOUNTED FIRE EXTINGUISHERS SHALL NOT EXCEED 75' OF TRAVEL DISTANCE APART. (NFPA 1: 6.1)
- FIRE EXTINGUISHERS SHALL BE CONSPICUOUSLY LOCATED WHERE THEY ARE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE EVENT OF FIRE. (NFPA 10: 6.1.3)
- FIRE EXTINGUISHERS SHALL BE LOCATED ALONG NORMAL PATHS OF TRAVEL, INCLUDING EXITS FROM AREAS. (NFPA 10: 6.1.3)
- FIRE EXTINGUISHERS SHALL NOT BE OBSTRUCTED OR OBSCURED FROM VIEW. (NFPA 10: 6.1.3.3)

