

DISTANCE OF TRAVEL - TABLE 1017.2		
IBC, SPRINKLERED		250'
NFPA, SPRINKLERED		200'
OCCUPANT LOAD CALCULATIONS - TABLE 1004.5 :		
GROUND FLOOR RETAIL SALES:	147,677 SF/	60 = 2,462
OUTDOOR FENCED:	3,764 SF/	60 = 63
TRAINING:	396 SF/	15 = 27
BREAKROOM:	1278 SF/	15 = 86
FOOD TENANT:	575 SF/	15 = 39
FOOD TENANT KITCHEN:	679 SF/	200 = 4
SERVICE DELI & BAKERY:	690 SF/	200 = 4
TENANT SPACES:	2,220 SF/	100 = 23
OFFICE:	3,158 SF/	100 = 32
STOCKROOMS:	27,511 SF/	300 = 92
AUTO SERVICE CENTER:	3,320 SF/	100 = 34
TOTAL OCCUPANT LOAD		2,866

EGRESS WIDTH REQUIRED (INCHES) EQUALS:
(AREA OCCUPANT LOAD)x(EGRESS WIDTH PER PERSON SERVED)

SALES, TENANTS, KITCHEN, PHARMACY, AND VISION CENTER:				
2,532	OCCUPANTS	X	0.2 = 507	INCHES REQUIRED
12	3'-0" DOORS	X	33 = 396	INCHES PROVIDED
8	4'-0" DOORS	X	45 = 360	INCHES PROVIDED
2	"AIR CURTAINS"	X	<u>184 = 368</u>	INCHES PROVIDED
	TOTAL INCHES PROVIDED		= 1,124	INCHES PROVIDED
STOCKROOM, OFFICE, TRAINING:				
151	OCCUPANTS	X	0.2 = 31	INCHES REQUIRED
9	3'-0" DOORS	X	33 = 297	INCHES PROVIDED
1	12'-0" BI-PARTING SLIDER	X	67 = 67	
	TOTAL INCHES PROVIDED		= 364	TOTAL INCHES PROVIDED
BREAKROOM EGRESS:				
86	OCCUPANTS	X	0.2 = 18	INCHES REQUIRED
3	3'-0" DOORS	X	33 = 99	INCHES PROVIDED
AUTO SERVICE CENTER:				
34	OCCUPANTS	X	0.2 = 7	INCHES REQUIRED
2	3'-0" DOORS	X	33 = 66	INCHES PROVIDED
1	8'-0" SLIDER	X	45 = 45	INCHES PROVIDED
	TOTAL INCHES PROVIDED		= 111	TOTAL INCHES PROVIDED

1. MAINTAIN A MIN OF 3'-0" AISLE WIDTH ON SALES FLOOR WHERE MERCHANDISE OR OTHER OBSTRUCTIONS ARE PLACED ON ONE SIDE OF AISLE, AND 3'-6" AISLE WIDTH WHEN SUCH OBSTRUCTIONS ARE PLACED ON BOTH SIDES OF AISLE
2. ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN ON SHEET E1, SYMBOL LEGEND ON E3, AND WILL BE SUBJECT TO INSPECTION FROM FIRE MARSHAL HAVING AUTHORITY PRIOR TO FINAL APPROVALS
3. 250' MAX, TRAVEL DISTANCE IS SHOWN AS A DASHED LINE

(FE) FIRE EXTINGUISHER

(FE) K K TYPE FIRE EXTINGUISHER
(WITHIN 30 FT OF EACH COOKING APPLIANCE
EQUIPMENT WITHIN A HOOD SYSTEM)

