

L 002		
UCTION PE	FIRE SEPARATION DISTANCE =X (FEET)	OCCUPANCY GROUP A, B , S-1
E II B	X < 5	1 HR
	5 <u><</u> X <u><</u> 10	1 HR
	10 <u><</u> X <u><</u> 30	0 HR
	X <u>></u> 30	0 HR

ICATION ENING	FIRE SEPARATION DISTANCE =X (FEET)	% OF WALL OPENING PER STORY
TECTED	X < 5	NOT PERMITTED
	5 <u><</u> X <u><</u> 10	10%
	10 <u><</u> X <u><</u> 15	15%
	15 <u><</u> X <u><</u> 20	25%
	20 <u><</u> X <u><</u> 25	45%
	25 <u><</u> X <u><</u> 30	70%
	X <u>></u> 30	NO LIMIT

2 00 1	
ELEMENT	TYPE II-B
RAL FRAME	0 HOUR
WALLS EXT.	0 HOUR
WALLS INT.	0 HOUR
RING WALLS AND PARTITIONS EXT.	SEE TABLE 602
RING WALLS AND PARTITIONS INT.	0 HOUR
DNSTRUCTION INCLUDING BEAMS AND JOISTS	0 HOUR
NSTRUCTION INCLUDING BEAMS AND JOISTS	0 HOUR

LEVEL 1			29,498	
LEVEL 2			30,438	
LEVEL 3			13,292	
TOTAL GROSS AREA			73,228 SQFT	
BUILDING HEIGHT				
NO. STORIES			3	
NO. OF STORIES BELOW GRADE			0	
HEIGHT TO OCCUPIED FLOOR			+ 30'-0"	
HEIGHT TO TOP OF BUILDING			+ 46'-0"	
CBC TABLE 503				
OCCUPANCY GROUP TYPE	CONST. TYPE	BASIC ALLOWABLE STORIES/AREA/ HEIGHT	ACTUAL STORIES / AREA	
В	TYPE II-B	4 / 23,000/55 FEET	3 / 73,228	
CALCULATIONS FOR AREA INCREASE PER TABLE 503 FROM 23,000 SF PER STORY TO 129,000 GROSS SF ARE AS FOLLOWS:				
1. BASIC ALLOWABLE BUILDING AREA PER TABLE 503:23,000 SF/STORY				

2. AUTOMATIC SPRINKLER S AREA INCREASE PER CBC 50		= 46,000/STOR)
TOTAL ALLOWABLE PER FLC	OOR:	46,000/STOR)
TOTAL ALLOWABLE BUILDING AREA:	3 STORY X 46,000/STOP	RY = 138,000 SF

LEVEL OCCUPANT NUMBER OF NUMBER NUMBER NUMBER LOAD EXITS REQ'D OF EXITS OF ACS OF ACS PER CBC PROVIDED EXITS EXITS REQ'D PRO'D 7 3 7 3 4 2 3 CBC TABLE 1005.1 MINIMUM REQUIRED EGRESS WIDTH WITH SPRINKLER SYSTEM OTHER EGRESS COMPONMENTS 15" (** USE 44") 28" (** USE 44") 24" (* USE 44") 18" (** USE 44")

OCCUPANCY TYPE	WITH SPRINKLER SYSTEM (FEET)
A-3	250
	200
В	300
S-1	250

EXCEPTION 1. THE LENGTH OF A COMMON PATH OF EGRESS TRAVEL IN GROUP B, F, AND S OCCUPANCIES SHALL NOT BE MORE THAN 100 FEET, PROVIDED THAT THE BUILDING IS EQUIPPED THORUGHOUT WITH AN AUTOMATIC SPRINKLERED SYSTEM

CBC 1025.8 COMMON PATH OF EGRESS TRAVEL FOR ASSEMBLY AREAS SHALL NOT EXCEED 30 FEET FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF TRAVEL

<u>CONCLUSION:</u> THE ENTIRE BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLERED SYSTEM. FOR OCCUPANCY GROUP A, MAXIMUM COMMON PATH OF EGRESS TRAVEL SHALL BE 30 FEET. FOR OCCUPANCY GROUPS B AND S-2, THE MAXIMUM COMMON

CBC 1014.2 EGRESS THROUGH INTERVENING SPACES. EGRESS FROM A ROOM OR SPACE SHALL NOT PASS THROUGH ADJOINING AND INTERVENING ROOMS OR AREAS EXCEPT WHERE SUCH ADJOINING ROOMS, OR AREAS ARE ACCESSORY TO THE AREA SERVED, ARE NOT A HIGH HARZARD OCCUPANCY AND PROVIDE A

<u>CBC 1007.1</u> ACCESSIBLE MEAN OF EGRESS ACCESSIBLE SPACES SHALL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS. WHERE MORE THAN ONE MEANS OF EGRESS IS REQUIRED BY SECTIONS 1015.1 OR 1019.1 FROM ANY ACCESSIBLE SPACE, EACH ACCESSIBLE PORTTION OF THE SPACE SHALL BE SERVED BY ACCESSIBLE MEANS OF EGRESS IN AT LEAST THE SAME NUMBER AS REQUIRED BY SECTION 1015.1

EXCEPTIONS: 3. IN ASSEMBLY SPACES WITH SLOPED FLOORS, ONE ACCESSIBLE MEANS OF EGRESS IS REQUIRED FROM A SPACE WHERE THE COMMON PATH OF TRAVEL OF THE ACCESSIBLE ROUTE FOR ACESSS TO THE WHEELCHAIR SPACES MEETS THE

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