

NFPA 101 2009 & NFPA 220 2006: CODE DATA

OCCUPANT LOAD	287 PEOPLE
USE GROUP CLASSIFICATION	NEW APARTMENT/ STORAGE (ORDINARY HAZARD)
TYPE OF CONSTRUCTION	TYPE 5 (1,1,1)
TOTAL AREA OF WORK	68,723 SF (GROSS) 57,471 SF (NET)
ACTUAL BUILDING AREA	68,723 SF
BUILDING HEIGHT	45' MAX. (4 STORIES)
BUILDING HEIGHT LIMITATION - STORIES	NONE
EXIT ACCESS TRAVEL DISTANCE (ALLOWABLE/ ACTUAL)	325'/ 235'
COMMON PATH OF TRAVEL (ALLOWABLE/ ACTUAL)	NONE
FIRE SUPPRESSION:	NFPA 13
EXIT ACCESS FIRE RATINGS:	
FIRE WALLS:	
PARTY WALLS	1 HR.
STAIR ENCLOSURES	2 HR.
SHAFTS	2 HR./ 1 HR. (3) STORE SHAFTS
EXIT ACCESS CORRIDORS	30 MIN.
FIRE PROTECTION OF STRUCTURE:	
COLUMNS	1 HR.
BEAMS, GIRDERS, TRUSSES & ARCHES	1 HR.
LOAD BEARING WALLS - EXTERIOR	1 HR.
LOAD BEARING WALLS - INTERIOR	1 HR.
NON-LOAD BEARING WALLS - EXTERIOR	1 HR. PER FIRE SEPARATION DISTANCE
NON-LOAD BEARING WALLS - INTERIOR	0
FLOOR CONSTRUCTION	1 HR.
ROOF CONSTRUCTION	1 HR.
GENERAL NOTES	
	<p><u>INTERIOR FINISHES:</u> WALLS & CEILINGS: CLASS A, B, OR C FLOORS: CLASS 1 OR 2 F.F.E. SHALL MEET NFPA 265 & 701.</p>

IBC 2009: CODE DATA	
OCCUPANT LOAD	287 PEOPLE
USE GROUP CLASSIFICATION	R-2/ S-2 (LOW HAZARD)
TYPE OF CONSTRUCTION	TYPE 5A
TOTAL AREA OF WORK	68,723 SF (GROSS) 57,471 SF (NET)
ACTUAL BUILDING AREA	68,723 SF
BUILDING HEIGHT	45' MAX. (4 STORIES)
BUILDING AREA LIMITATION - SQ. FT. (TABLE 503)	12,000 SF
BUILDING HEIGHT LIMITATION - STORIES (TABLE 503)	3
STREET FRONTAGE INCREASE (150%) - SQ. FT.	YES, SEE CALCULATIONS
AUTOMATIC SPRINKLER SYSTEM AREA INCREASE (200%) - SQ. FT.	N/A
AUTOMATIC SPRINKLER SYSTEM HEIGHT INCREASE (1 STORY)	YES
EXIT ACCESS TRAVEL DISTANCE (ALLOWABLE/ ACTUAL)	325'/ 235'
COMMON PATH OF TRAVEL (ALLOWABLE/ ACTUAL)	NONE
FIRE SUPPRESSION:	NFPA 13
EXIT ACCESS FIRE RATINGS:	
FIRE WALLS:	
PARTY WALLS	1 HR.
STAIR ENCLOSURES	2 HR.
SHAFTS	2 HR./ 1 HR. (3) STORY SHAFTS
EXIT ACCESS CORRIDORS	30 MIN.
FIRE PROTECTION OF STRUCTURE:	
PRIMARY STRUCTURAL FRAME	1 HR.
LOAD BEARING WALLS - EXTERIOR	1 HR.
LOAD BEARING WALLS - INTERIOR	1 HR.
NON-LOAD BEARING WALLS - EXTERIOR	1 HR. PER FIRE SEPARATION DISTANCE
NON-LOAD BEARING WALLS - INTERIOR	0
FLOOR CONSTRUCTION & SECONDARY MEMBERS	1 HR.
ROOF CONSTRUCTION & SECONDARY MEMBERS	1 HR.
GENERAL NOTES	
<p>OCCUPANT LOAD:</p> <p>ALL FLOORS:</p> $\frac{57,471 \text{ GROSS SF} / 200 \text{ SF/ PERSON} =}{\text{TOTAL LOAD} = 287 \text{ PEOPLE}}$	<p>STREET FRONTAGE CALC:</p> $I = (F/P \cdot .25) W/30$ $I = (525-612) 25'/30$ $= .6078 (.833)$ $I = .5065 :: 50\%$

ALLOWABLE: 12,000 SF/ FLOOR (PER TABLE 503)
ALLOWABLE + INCREASE: 18,000 SF