

CODES ANALYSIS

OCCUPANCY: GROUP E  
SPRINKLER SYSTEM: NFPA 13  
CONSTRUCTION TYPE: II B, FULLY SPRINKLED  
ALLOWABLE HEIGHT/AREA  
B 3 STORY / 58,000 SF  
ACTUAL HEIGHT/AREA  
B 1 STORY / 19,800 SF  
OCCUPANT LOAD: TOTAL OCCUPANT LOAD = 567  
(SEE OCCUPANT LOAD CALCULATIONS)  
REQUIRED EGRESS WIDTH: 113.4"  
ACTUAL WIDTH PROVIDED: 714"

MINIMUM REQUIRED PLUMBING FIXTURE COUNT(TABLE 2902.1)				
OCCUPANTS: 284 MALES / 284 FEMALES				
	MALE	FEMALE	REQUIRED	PROVIDED
WC = 1/50	3	6		14
URN = 1/2 WC	3			1
LAV = 1/50	6	6		15
DF = 1/100			6	4 w/ WATER PROVIDED AT DINING HALL
SS = 1				1
SHOWERS = 0				1

OCCUPANT LOAD CALCULATION: - Table 1004.5

- EDUCATION - 8397 SF/ 20 SF = 419 Occupants
- EXERCISE - 1140 SF/ 150 SF = 22 Occupants
- BUSINESS - 4999 SF/ 100 SF = 49 Occupants
- LOCKERS - 926 SF/ 50 SF = 18 Occupants
- ASSEMBLY - 811 SF/ 15 SF = 54 Occupants (TABLES & CHAIRS)
- KITCHEN - 750 SF/ 200 SF = 3 Occupants
- STORAGE/MECH - 877 SF/ 300 SF = 2 Occupants

TOTAL OCCUPANT LOAD = 567 Occupants

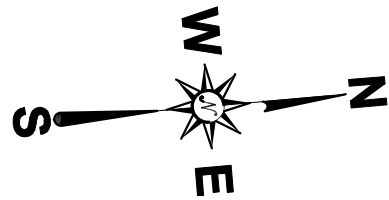
ADOPTED CODES

International Residential Code, 2018 Edition  
International Building Code, 2018 Edition  
International Fuel Gas Code, 2018 Edition  
International Plumbing Code, 2018 Edition  
International Property Maintenance Code, 2018 Edition  
International Existing Building Code, 2018 Edition  
International Energy Conservation Code, 2009 Edition  
International Swimming Pool & Spa Code, 2018 Edition  
International Mechanical Code, 2018 Edition  
National Electrical Code, 2017 Edition



**LIFE SAFETY LEGEND**

- PATH OF TRAVEL
- EXIT EXIT SIGN
- ARROW DENOTES DIRECTION OF TRAVEL
- FEC FIRE EXTINGUISHER CABINET
- FE WALL MOUNTED FIRE EXTINGUISHER
- FA FIRE ALARM PULL
- 34" CLEAR EGRESS
- 113 EXIT CAPACITY



AS-BUILT LIFE SAFETY FLOOR PLAN

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