

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)				
	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 <small>WATER PROVIDED AT DINING HALL</small>	
SS = 1			1	
SHOWERS = 0			1	

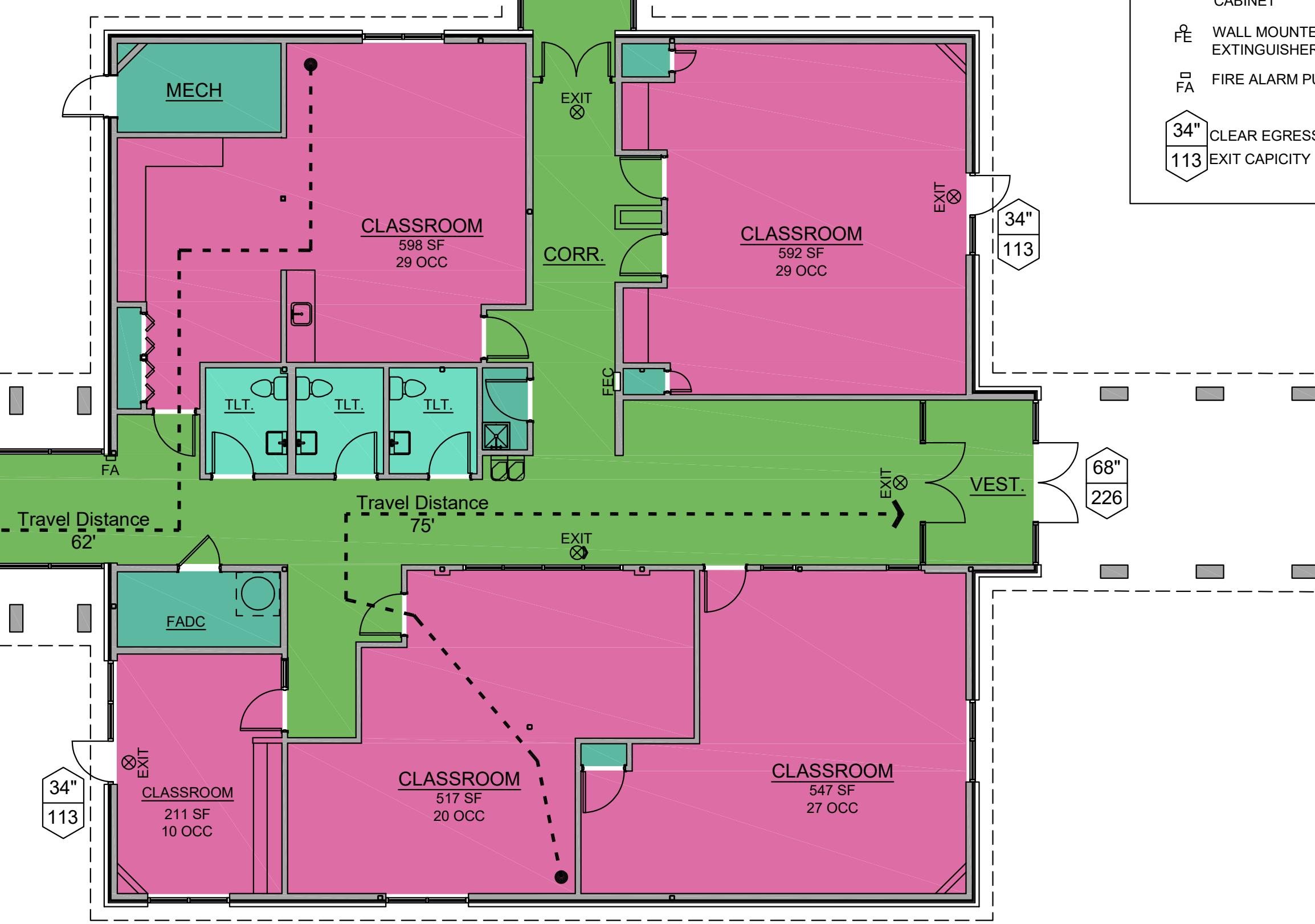
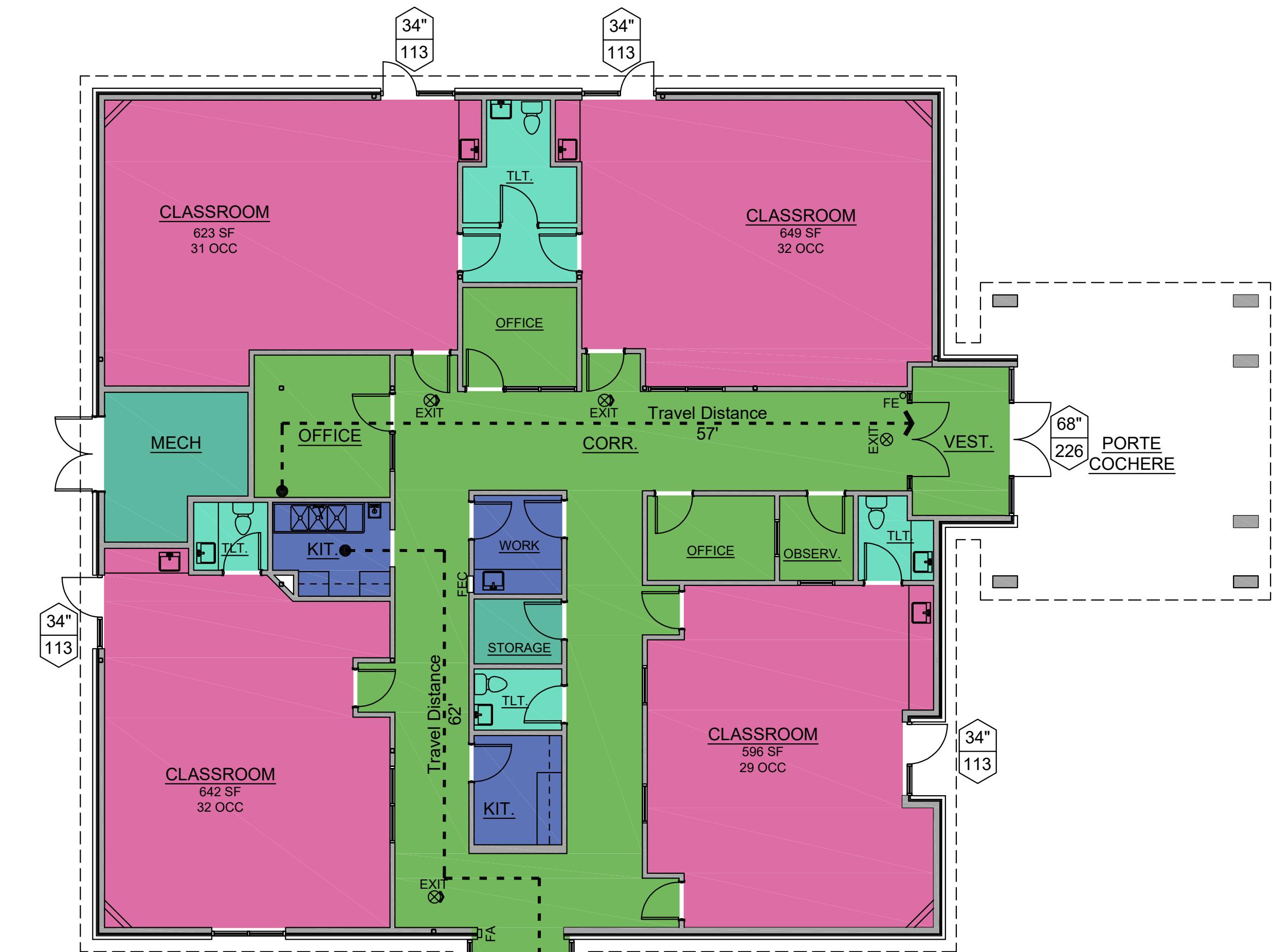
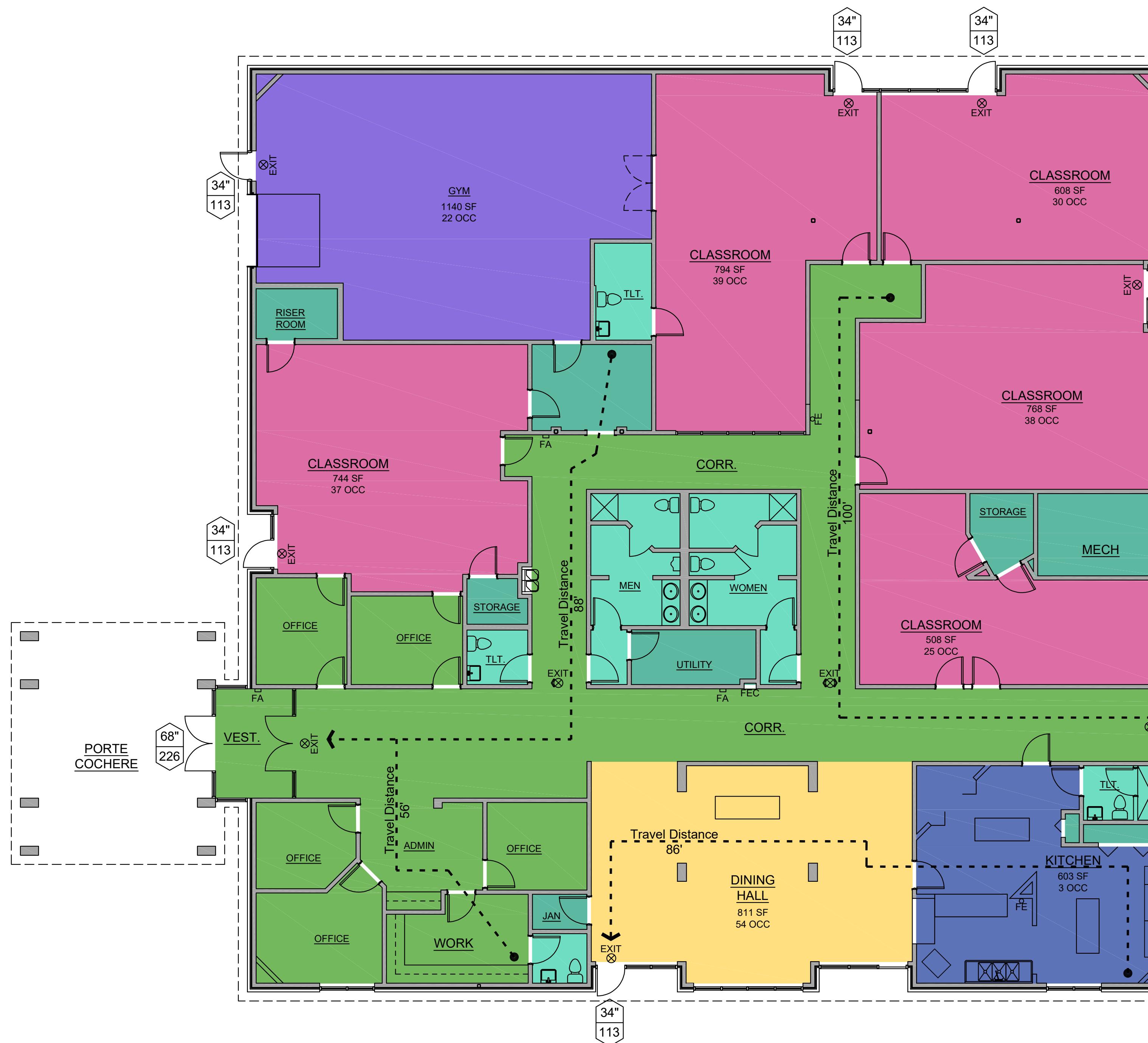
OCCUPANT LOAD CALCULATION: - Table 1004.5

- 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 (TABLES & CHAIRS) - 811 SF / 15 SF = 54 Occupants
- 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	EXIST 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