



General Building Information:
 Total Footprint: 1,723sf
 Fire protection: No Sprinkler System
 Separation distance from property lines: +10'

- IBC**
- 304.1 Use: Business, **Group B** (Home Heating Fuel Office) (change from M, Motor fuel-dispensing facility)
 - 309.1 Use: Mercantile, **Group M** (Motor fuel-dispensing facility) Hazardous Materials cannot exceed Table 414.2.5(1)
 - 311.3 Use: Low-Hazard Storage, **Group S-2** (Parking Garages) (change from S-1, Moderate Hazard storage)
 - 406.2 Parking Garage
 - 406.4 Enclosed Parking Garage Area by table 503 Ventilation by International Mechanical Code
 - 406.5 Motor fuel-dispensing facility Requirements
 - 503 B - VB: 9,000sf (2 stories)
M - VB: 9,000sf (1 story)
S-2 - VB: 13,500sf (2 stories)
 - 508.4 (2) Hour Fire Barrier separation required between S-2 and other occupancies
 - 602 Exterior Wall Rating: 0 hours
 - 707.5 Fire Barriers: Continuous through concealed spaces: slab to decking
 - 707.6 Opening protected by 715
 - 715.4 1 1/2 hour rated fire door
 - 903.2.7 No sprinkler required in Group M for project circumstances
 - 903.2.10 No sprinkler required in Group S-2 for project circumstances
 - 906.1 (1) Fire extinguisher in parking bay
(1) Fire extinguisher in fuel pumping area
 - 907.2.2 No fire alarm system required in Group B for project circumstances
 - 907.2.7 No fire alarm system required in Group M for project circumstances

- 1004.1.1 Accessory storage areas occupant load: 300 gross @ 948sf = 4 occupants
Business Areas occupant load: 100 gross @ 656sf = 7 occupants
- 1014.3 Common path of travel limit: 75 feet
- 1015.1 One exit allowed for building. (based on occupant load and Common path of travel)
- 1016.1 Travel distance limit: 200 feet
- 1018.4 Dead End limit: 20 feet

ADA
 Alterations will conform to ADA.

- NFPA**
- 3.3.32.5 Existing Building (Change of Use)
 - 6.1.11 Occupancy: Business (Chapt 38)
 - 6.1.13 Occupancy: Storage (Chapt 42)
 - 6.1.14.4.1 Separation of occupancies: 2 hours
 - 6.2.2.3 Ordinary Hazard Contents
 - 7.3.1.2 Storage occupant load: 500 gross @ 948sf = 2 occupants
Business occupant load: 100 gross @ 656sf = 7 occupants
 - 7.5.1.3.2 When two exits are required the distance between them shall not be less than 1/2 the diagonal of the served space.
 - A.7.6 Use: Storage Business
Common Path Limit: 50 feet 75 feet
Dead End Limit: 50 feet 20 feet
Travel Distance Limit: 150 feet 200 feet
 - 38.2.9 Emergency lighting not required
 - 38.3.4.1 Fire alarm system not required
 - 42.8.2.9 Emergency lighting required w/o natural lighting
 - 42.8.3.4.1 Fire alarm system not required

- IECC**
- 301.1 Climate Zone for Cumberland County: 6A
 - 502.1.2 Max Wall U-Factor: 0.051
Max Roof U-Factor: 0.027
 - 502.3 Max Curtain wall U-Factor: 0.45
Max Entrance Door U-Factor: 0.80

