Chapter 6- Types of Construction

Table 601 - Fire Resistance Ratings for Building Elements

Chapter 10- Means of Egress 1004 Occupant Load Table 1004.1 Maximum Floor Area Allowances per Occupant Business Mercantile 200 gross sf Parking- Garage Spaces 1005 Egress Width Floor Area **Occupants** 10,712 SQFT 53 10.7" Levels 2-5

A minimum of 2 egress or stair locations provided at each floor (36" wide

doors and 44" wide stairs)

CODE SUMMARY

Chapter 4- Special Detailed Requirements Based on Use and Occupancy

1007.4 Elevators Exception 2: Area of refuge not required if building equipped with automatic sprinkler system.

1007.8 Two-way communication system shall be provided at each elevator

1007 .10 Directional signage shall be provided at elevator landings.

1008 Doors, Gates and Turnstiles **1008.1.1 Size of Doors-** Minimum Clear width = 32", maximum leaf width 48" Note: Non-egress doors are sized to meet Accessibility requirements per 521

1008.1.5 Provide a level landing on each side of door, except at exterior locations with 2% slope pitch for drainage.

1008.1.8 48" plus door width required minimum space between doors in series. **1008.1.9.10** Interior stairway means of egress doors shall be openable from both Exception 1: Stairway discharge doors shall only be locked from the opposite

1009.13. Stairway to Roof- In buildings four or more stories in height, one stairway shall extend to the roof surface. In buildings without an occupied roof, access to the roof from the top story shall be permitted to be by an alternating tread device.

1013.1 Guard (rails) are required at stairs more than 30" above the floor and within 36" horizontally to the edge of the open side.

Section 1014 Exit Access **1014.3 Common Path of Egress Travel-** 125' maximum per exception no. 4. In buildings with automalic sprinkler system, for Group R-2 occupancy. 100' maximum per exception No.1 in Group S occupancies.

1015- Exit and Exit Access Doorways **1015.1** Two exits required from any space except as permitted by Table 1015.1 Table 1015.1 Spaces with one exit or exit access doorway

Occupant Load- Max./ Actual Doors Required/ Provided <u>Occupancy</u> M Retail A

1015.2.1 Two Exits or Exit Access Doorways= Exit doors shall be placed not less than 1/3 (exception #2) the length of the maximum overall diagonal Fire Area Max. Diagonal 1/3 Min

Actual 58'-2" 1- 6,684 sf 125'-6" 2- 10.712 sf 168'-0" 56'-0" 58'-2" 3- 10,712sf 168'-0" 56'-0" 58'-2" 168'-0" 58'-2" 4- 10.712sf 56'-0" 168'-0" 56'-0" 58'-2" 5- 9,673 sf

*Floors 2 thru 5 similar

Chapter 7- Fire and Smoke Protection Features

704 Fire Rating of Structural Members

704.3 Primary Structural Frame