

1 1ST FLOOR CODE PLAN **A004** 1/4" = 1'-0"

CODE PLAN LEGEND

BUILDING EXIT

**○** CCUPANT LOAD **0.0" / 0"** ← EXIT WIDTH REQ'D / PROVIDED

FIRE EXTINGUISHER LOCATION

**— — —** EGRESS PATH

SQ. 2 EXITS **BUILDING USE** FEET FACTOR LOAD REQUIRED M 1,695 USF 17 MERCANTILE - TENANT A MERCANTILE - TENANT B M 1,922 USF 30 20 M 128 USF 300 UTILITY 1 3,745 USF 38 4,104 GSF

# **CODE SUMMARY**

#### I. CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

A. TABLE 503: ALLOWABLE HEIGHT AND BUILDING AREAS: FOR M OCCUPANCY.

1. CONSTRUCTION TYPE: 2. SPRINKLER SYSTEM:

FULLY SPRINKLERED PER 903.3.1.1

40 FEET ALLOWED 2 STORIES WITH FULLY AUTOMATIC 3. HEIGHT: SPRINKLER SYSTEM INCREASE (40 FEET + 20 FEET AND 1

STORY INCREASE)

4. AREA: ALLOWED 27,000 SF PER FLOOR WITH FULLY AUTOMATIC SPRINKLER SYSTEM INCREASE (300% ADDITIONAL)

27,000 SF > 4,104 GSF

#### C. SECTION 507.3 SPRINKLERED, ONE STORY

1. THE AREA OF GROUP M BUILDING NO MORE THAN ONE STORY ABOVE GRADE PLANE OF ANY CONSTRUCTION TYPE SHALL NOT BE LIMITED WHERE THE BUILDING IS PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM PER SECTION 903.3.1.1 AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FEET IN WIDTH.

### II. CHAPTER 6 - TYPES OF CONSTRUCTION

A. TABLE 601 - FIRE RATING FOR BUILDING ELEMENTS 1. PRIMARY STRUCTURAL FRAME 0 HOURS

0 HOURS 2. EXT./INT. BEARING WALLS PER 602 3. NON-BEARING WALLS (EXT.) 4. NON-BEARING WALLS (INT.) 0 HOURS 5. FLOOR CONSTRUCTION 0 HOURS

B. TABLE 602 - WALL RATING BASED ON FIRE SEPARATION DISTANCE FROM PROPERTY LINE

0 HOURS

>30' 0 HOURS

1. FIRE SEPARATION DISTANCE

1.3. EAST WALL:

6. ROOF CONSTRUCTION

1.1. NORTH WALL: >30' 0 HOURS 1.2 WEST WALL: >30' 0 HOURS 1.2. SOUTH WALL: >30' 0 HOURS

# III. CHAPTER 7 - FIRE-RESISTANCE-RATED CONSTRUCTION

A. IBC 705.11 - PARAPETS SHALL BE PROVIDED ON EXTERIOR WALLS.

# 1. EXCEPTION 1 APPLIES - NOT REQUIRED.

IV. CHAPTER 8 - INTERIOR FINISHES

1. CLASS B FINISHES: FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450 2. CLASS C FINISHES: FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450

B. TABLE 803.9: B, SPRINKLED

1. CONSTRUCTION TYPE 2. OCCUPANCY

CORRIDORS 4. ROOMS AND ENCLOSED SPACES

# V. CHAPTER 9 - FIRE PROTECTION SYSTEMS

A. SECTION 903.3.1.1 NFPA 13 SPRINKLER SYSTEM B. SECTION 906 PORTABLE FIRE EXTINGUISHERS

1. 906.1 GENERAL: PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN OCCUPANCIES AND LOCATIONS AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

# VI. CHAPTER 10 - MEANS OF EGRESS

. SECTION 1004 OCCUPANT LOAD

1. TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT MERCANTILE AREAS 100 GROSS / OCCUPANT UTILITY AREAS 300 GROSS / OCCUPANT

. SECTION 1005 MEANS OF EGRESS SIZING

1. ALL OCCUPANCIES WITH SPRINKLER SYSTEM:

NON-STAIRWAY COMPONENTS = 0.2" / OCCUPANT (SEE PLAN FOR EGRESS WIDTH PROSPECTIVELY REQUIRED AND PROVIDED; EGRESS PLAN TO BE REVISED W/ TENANT IMPOVEMENT SUBMITTAL)

SECTION 1014.2.1 MULTIPLE TENANTS

1. WHERE MORE THAN ONE TENANT OCCUPIES ANY ONE FLOOR OF A BUILDING OR STRUCTURE, EACH TENANT SPACE SHALL BE PROVIDED WITH ACCESS TO THE REQUIRED EXISTS WITHOUT PASSING THROUGH ADJACENT TENANT SPACES.

D. SECTION 1014.3 COMMON PATH OF EGRESS TRAVEL

SECTION 1016 EXIT ACCESS TRAVEL DISTANCE

1. TABLE 1014.3 COMMON PATH OF EGRESS TRAVEL WITH SPRINKLER: MAX 75'

1. TABLE 1016.2 EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER: MAX 300'

E. SECTION 1015 EXIT AND EXIT ACCESS DOORWAYS

1. TABLE 1015.1: ONE EXIT REQUIRED IN OCCUPANCY M WITH OCCUPACY LOAD UNDER 49

VII. CHAPTER 29 - PLUMBING

A. PLUMBING CODE REVIEW WITH TENANT PLAN (DEFERRED SUBMITTAL)



**ZACHARY LANE RETAIL** CONSTRUCTION **DOCUMENTS** 

**ZACHARY LANE RETAIL** 9519 ZACHARY LANE MAPLE GROVE, MN 55369



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1	BUILDING PERMIT SET	06/12/2017
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PROJECT NUMBER: 16222.OPDV L.SCHNEIDER **CHECKED BY:** S.OLIVER JUNE 12, 2017

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COMPUTER DIRECTORY:

**CODE PLANS** 

**BUILDING PERMIT SET** 

