

COMMERCIAL PLAN REVIEW FOR CODE COMPLIANCE

GENERAL INFORMATION

A. PROJECT NAME: Slate Billiard Club
 B. PROJECT LOCATION: 755 Prior Avenue
 St. Paul, Minnesota

APPLICABLE CODES:

- A. ST. PAUL ZONING ORDINANCE
- B. MINNESOTA STATE BUILDING CODE (MSBC) Current Edition
- C. CHAPTER 1302 - MECHANICAL CODE 2010 Edition
- D. CHAPTER 1311 - MECHANICAL/ELECTRICAL CODE 2010 Edition
- E. CHAPTER 1315 - NATIONAL ELECTRIC CODE 2010 Edition
- F. CHAPTER 1322/23 - MECHANICAL/ELECTRICAL CODE 2010 Edition
- G. CHAPTER 1341 - MECHANICAL/ELECTRICAL CODE 2010 Edition
- H. CHAPTER 1344 - MECHANICAL/ELECTRICAL CODE 2010 Edition
- I. CHAPTER 4714 - MECHANICAL/ELECTRICAL CODE 2010 Edition

BUILDING CLASSIFICATION

A. OCCUPANCY GROUPS / TYPE OF CONSTRUCTION (IBC Chpt 3 & IBC Chpt 4)
 1. Private Billiard Club - Group A-3
 (Private Occupancy Group - Group B)
 Type of Construction - V
 Area - 5,371 sq. ft.

2. Mixed Occupancy (IBC 508)

- Group A-3 & B Non-Separated Via Non-Adjacent Walls

3. Occupied Zone (IBC 509)

- None

B. FIRE-RESISTANCE-RATED CONSTRUCTION

1. Fire Walls (IBC 705)

| Rating | Opening |
|---------|---------|
| 3 Hours | 3 Hours |

2. Fire Barriers (IBC 707)

| Rating | Opening |
|--------|-----------|
| 1 Hour | 60 Minute |
| 2 Hour | 90 Minute |

3. Fire Partitions (IBC 708)

Not Required

C. INTERIOR FINISH REQUIREMENTS

1. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.3)

| Building Component | Finish Class |
|---------------------------------------|--------------|
| Vertical Entry/Exit Passageway | Class B |
| Exit Access Corridors/Other Exit Ways | Class C |
| Rooms and Enclosed Spaces | Class C |

AUTOMATIC SPRINKLER REQUIREMENTS

A. AN EXISTING NFPA 13 AUTOMATIC SPRINKLER SYSTEM IS PROVIDED THROUGHOUT THE BUILDING (IBC 903.3.1.1)

MEANS OF EGRESS

A. DESIGN OCCUPANT LOAD (IBC Chpt 1004)

1. Total Occupants = 77 Occupants See Plan

B. EXIT/EXIT ACCESS

- 1. Number Required (IBC Table 1008.2.1, 1008.3.2) = 7
- 2. Number of Accessible Ramps (IBC 1009) = 0
- 3. Arrangement (IBC 1007)
- 4. Travel Distance Maximum
 - Not Less Than 1/2 Overall Distance (Sprinklered Detached) = 250'
 - Exit Access (IBC 1017) = 75'
 - Common Path of Egress (IBC 1028.2.1) = 75'
 - Dead End (IBC 1015.4) = 20'
- 5. Stairs (See Detail of Two Containing Risers Shown Below)
 - Design Egress Width (IBC 1004.3) = 14.4"
 - Stairways (See Load = 3) = 23.1"
 - Other Components (See Load = 2) = 14.4"
 - Stairways (IBC 1011.2) = 44"
 - Stairways (IBC 1009.2) = 44"
 - Exit Enclosures (IBC 1024.2) = 44"
 - Exit Doors (IBC 1010.1) = 22" Min Clear
 - 45" Max Head
- 6. Doors
 - Swing (IBC 1010.2.1)
 - Size Minus Swing Out At Occupant Load Of 50 Or More
 - Landings (IBC 1010.1.6)
 - Kick Not Less Than Width of Door Or Stairway
 - Length in Direction of Travel Not Less Than 44"
 - Landings (IBC 1010.1.7)
 - Max Height = 1/2" - 1/2" Deviated Edge If 1/4" - 1/2"
 - Door Arrangement (IBC 1010.1.8) 48" - Door Head Apert
 - Lock or Latch (IBC 1010.1.9)
 - Outside From Egress Side Without Use of Knowledge or Key.
 - Manually Operated Flush Bolts Permitted on Inactive Side.
 - Panic/ Fire Exit Hardware (IBC 1010.1.10)
 - Required at Exit/Exit Access Doors

PLUMBING FIXTURES

A. NUMBER FIXTURES REQUIRED (IBC 2902.1)

- 1. Based On 77 Occupants = 4000 Recreation Occupancy
- 38 Female Occupants
- 39 Male Occupants

Note: Adequate Capacity Is Provided With The Existing Restroom Group

B. LOCATION OF FIXTURES (IBC 2902.1.1)

- Not More Than 1 Story Above Or Below Regular Working Area
- Travel Distances Less Than 500 ft

C. SIGNAGE (IBC 2902.1.2)

- A Legible Sign For Each Sex Shall Be Provided Near The Entrance To The Toilet Facility

OTHER

A. ACCESSIBILITY

- 1. Building Is Accessible
- 2. 42" High Minimum Guards Shall Be Installed Where A Change In Levels Drops 30" Or More

C. SAFETY GLAZING (IBC 2405)

- 1. Safety Glazing Shall Be Installed In Hazardous Locations As Specified In IBC 2406.4

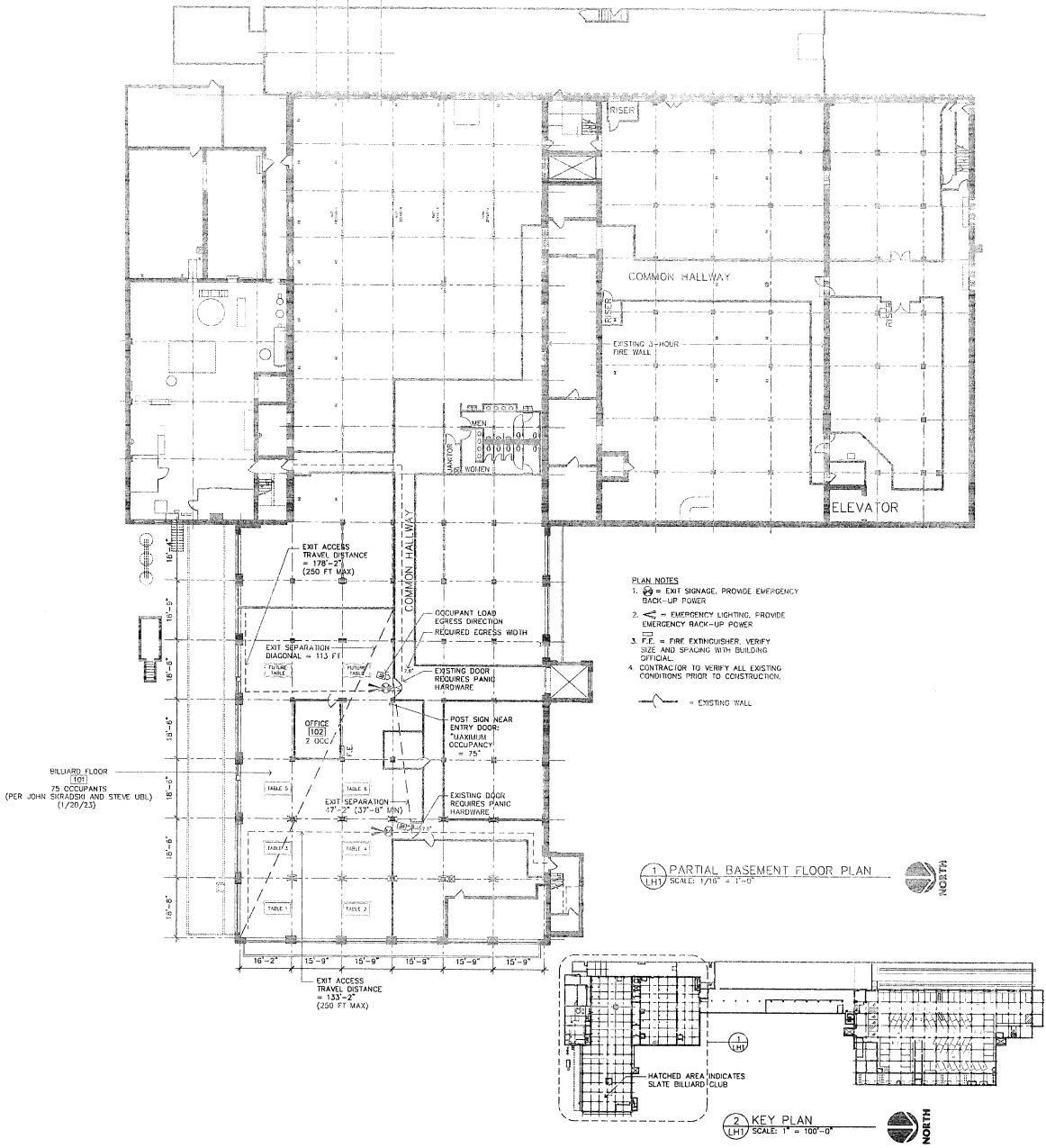
D. FIRE ALARM AND DETECTION SYSTEMS

- 1. Fire Alarm And Detection System Not Required (IBC 907.2)
- 2. If Required Provide Audible And Visible Alarm Notification Device (IBC 901.5, NFPA 72)

E. MIN CONSERVATION CODE FOR EXISTING BUILDINGS

1. Partial Change of Occupancy With No Separation (1011.1.1.1, IBC Chapter 9 and the Items Below Shall Apply To The Entire Building)

- Interior Finish Shall Meet The Requirements of the IBC
- Means of Egress Shall Meet The Requirements of the IBC
- Existing Hazard Level = 4 (Higher Hazard)
- Proposed Hazard Level = 3
- Height And Area Shall Meet The Requirements of the IBC
- Existing Hazard Level = 4 (Higher Hazard)
- Proposed Hazard Level = 3
- Exterior Wall and Openings Are Assessable
- Existing Hazard Level = 3 (Equal Hazard)
- Proposed Hazard Level = 3
- Vertical Shafts
- Interior Stairways Shall Be Enclosed (Enclosed Stairways Are Existing)



- PLAN NOTES
1. EXIT SIGNAGE. PROVIDE EMERGENCY BACK-UP POWER
 2. EMERGENCY LIGHTING. PROVIDE EMERGENCY BACK-UP POWER
 3. FIRE EXTINGUISHER. VERIFY SIZE AND SPACING WITH BUILDING OFFICIAL
 4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- EXISTING WALL

1 PARTIAL BASEMENT FLOOR PLAN
 (LH1) SCALE: 1/8" = 1'-0"

2 KEY PLAN
 (LH1) SCALE: 1" = 100'-0"

NOTE TO ALL DESIGN/BUILD CONTRACTORS AND THEIR SUB-CONTRACTORS:
 THE DESIGN/BUILD CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, OR ANY OTHER DESIGN/BUILD SUB-CONTRACTOR'S DOCUMENTS AS PERTAINING TO THE WORK FOR THIS PROJECT. IT IS THE DESIGN/BUILD SUB-CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE DESIGN/BUILD CONTRACTOR OF ANY CONFLICTS WITH THE ARCHITECTURAL AND STRUCTURAL DOCUMENTS DUE TO SIZES, LOCATIONS, QUANTITIES, ROUGH-IN DIMENSIONS AND CODE INTERPRETATIONS. THE DESIGN/BUILD CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY OF ANY ARCHITECTURAL REVISIONS REQUIRED DUE TO THE COORDINATION OF EACH DESIGN/BUILD SUB-CONTRACTOR'S DOCUMENTS.

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ARCHITECT CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND THAT I AM A duly LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Richard Lambert
 RICHARD LAMBERT
 Principal
 1/20/23
 DATE

SLATE BILLIARD CLUB
 755 N Prior Ave, St. Paul, Minnesota

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 Drawn By: JRB
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 Revisions

1/20/23 ISSUE FOR PERMIT

BASEMENT FLOOR PLAN

Sheet Number

LH1

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