

# 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 130A - INTL. BUILDING CODE 2000 Edition  
D. CHAPTER 131 - INTL. EXISTING BUILDING CODE 2000 Edition  
E. CHAPTER 131B - NATIONAL ELECTRIC CODE 2000 Edition  
F. CHAPTER 132/23 - INTL. ENERGY CONSERVATION CODE 2000 Edition  
G. CHAPTER 134 - INTL. ACCESSIBILITY CODE 2000 Edition  
H. CHAPTER 134B - INTL. MECHANICAL CODE 2000 Edition  
I. CHAPTER 471A - MN PLUMBING CODE 2000 Edition

## BUILDING CLASSIFICATION

A. OCCUPANCY GROUPS/ TYPE OF CONST (IBC Chpt 3 & IBC Chpt 4)

1. Private Billiard Club - Group A-3  
(Former Occupancy Group - Group B)  
Type of Construction - IV  
Area - 5,371 s.f.

## 2. Mixed Occupancy (IBC 508)

- Group A-3 is a Non-Separated Use from Adjacent Uses

## 3. Incarcerated Uses (IBC 506)

- None

## D. 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 603.1.2)

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

2. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

3. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

4. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

5. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

6. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

7. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

8. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

9. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

10. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

11. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

12. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

13. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

14. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

15. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

16. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

17. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

18. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

19. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

20. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

21. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

22. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

23. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

24. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

25. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

26. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

27. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

28. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

29. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

30. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

31. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

32. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

33. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

34. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

35. Minimum Wall And Ceiling Finish Requirements (IBC Table 603.1.2)

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

## 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 1006.2.1, 1006.3.2) = 7

2. Number of Exits Required (IBC 1009) = 7

3. Arrangement (IBC 1007)

4. Travel Distance Maximum

5. Stairs (See Details of Two Conflicting Ways Must Be Used)

6. Design Egress Width (IBC 1005.1)

7. Stairways (See Load = 3)

8. Other Components (See Load = 2)

9. Stairways (See 1011.2)

10. Stairways (See 1011.2)

11. Stairways (See 1011.2)

12. Stairways (See 1011.2)

13. Stairways (See 1011.2)

14. Stairways (See 1011.2)

15. Stairways (See 1011.2)

16. Stairways (See 1011.2)

17. Stairways (See 1011.2)

18. Stairways (See 1011.2)

19. Stairways (See 1011.2)

20. Stairways (See 1011.2)

21. Stairways (See 1011.2)

22. Stairways (See 1011.2)

23. Stairways (See 1011.2)

24. Stairways (See 1011.2)

25. Stairways (See 1011.2)

26. Stairways (See 1011.2)

27. Stairways (See 1011.2)

28. Stairways (See 1011.2)

29. Stairways (See 1011.2)

30. Stairways (See 1011.2)

31. Stairways (See 1011.2)

32. Stairways (See 1011.2)

33. Stairways (See 1011.2)

34. Stairways (See 1011.2)

35. Stairways (See 1011.2)

36. Stairways (See 1011.2)

37. Stairways (See 1011.2)

38. Stairways (See 1011.2)

39. Stairways (See 1011.2)

40. Stairways (See 1011.2)

41. Stairways (See 1011.2)

42. Stairways (See 1011.2)

43. Stairways (See 1011.2)

44. Stairways (See 1011.2)

45. Stairways (See 1011.2)

46. Stairways (See 1011.2)

47. Stairways (See 1011.2)

48. Stairways (See 1011.2)

49. Stairways (See 1011.2)

50. Stairways (See 1011.2)

51. Stairways (See 1011.2)

52. Stairways (See 1011.2)

53. Stairways (See 1011.2)

54. Stairways (See 1011.2)

55. Stairways (See 1011.2)

56. Stairways (See 1011.2)

57. Stairways (See 1011.2)

58. Stairways (See 1011.2)

59. Stairways (See 1011.2)

60. Stairways (See 1011.2)

61. Stairways (See 1011.2)

62. Stairways (See 1011.2)