











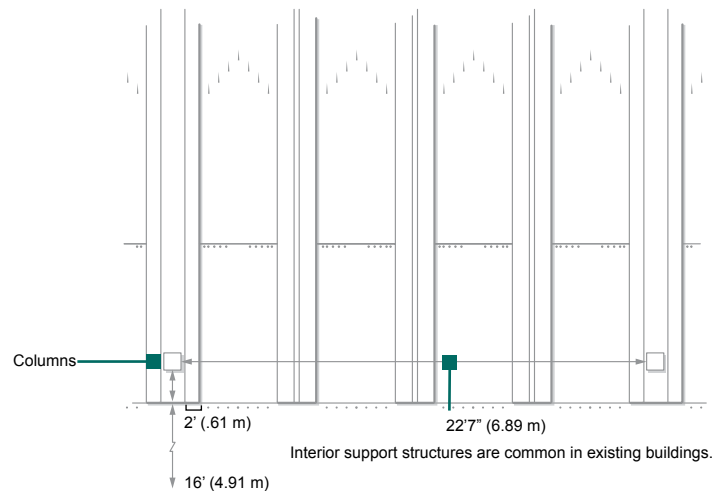


### Structural Requirements

- Regardless of the type of ceiling material selected, provisions must be made for supporting Brunswick overhead scoring equipment.
- A Brunswick Overhead Support Certificate must be signed by the architect or engineer.

### Clear Span Ceiling

- A clear span is the ideal type of ceiling for bowling installations. Plan to run trusses the full length of the lanes rather than the width. This allows for easier future expansion while still providing a clear span. A catwalk should be installed over the lanes to facilitate maintenance of ceiling, roof, and electrical wiring.
- Restroom and storage area ceilings should be “fixed” rather than suspended.



### Columns in the Lane or Bowlers' Area

- Where supports for the structure above the lane are necessary, it is desirable to use a minimum lateral spacing between columns of 22' 7" (6.89 m) per four lane bay plus 1" (2.54 cm) for clearance to reduce noise transmission.
- The 16' (4.91 m) approach area and at least 2' (0.61 m) beyond the foul line should be kept free of columns, if possible.

## Energy Management and Lighting

### Energy Management

Efficient heating, air conditioning and environment control are paramount to establishing a comfortable setting for the customers and employees of this entertainment center. This must also be considered for the proper operation and longevity of the bowling equipment as well as overall maintenance of the center. Items such as airflow, filtration, and stable relative humidity of 45% along with a consistent temperature of 72° fahrenheit (22.2° celsius), are important factors that an architect must consider when designing a project.

An automated management system for controlling the center's total environment is recommended. This will allow you to achieve a comfortable center as well as help control operating costs.

### Lighting

It is important to provide proper lighting to create the desired environment for your customers. Take into consideration the type of event you are hosting and the specific venue. During the course of league or competitive bowling, the lane area should be well lit. The lighting system should be flexible in order to change the mood of the center with black lights and Cosmic Bowling® lighting for entertainment, parties, and casual bowling events. Consider specific lighting applications for each area of your center, including your front entry way, front desk, bar, restaurant, meeting rooms, game rooms, etc. It is recommended that the architect work with Brunswick consultants that are familiar with both bowling and entertainment venues.





### **Building Layout**

- Side aisles should be reserved for access to pinsetters and service areas. It is recommended that only authorized, trained personnel are allowed in the pinsetter working area. Provide a locked aisle way door leading to the pinsetters. The width of side aisles is determined by the width of the building. A side aisle width of 3' (0.91 m) is suggested. If no side aisle is provided, at least 1' (30.5 cm) should be allowed from the outside edge of the gutter to the wall giving bowlers freedom of movement on the approach.
- Take care when planning for traffic patterns now and in the future. Consider how patrons will access the control counter, spectator areas, and food and beverage service.
- Facility planning can affect the efficiency and quality of housekeeping and other operational needs. Make sure your plan takes all general facility service requirements into account.
- If offering a full service dining and cocktail lounge, it is recommended that you provide a separate entrance in addition to the bowling center entrance.

### **Interior Design**

- It is important that you consult with your architect and interior designer to ensure an entertaining, functional center.
- Carpet is recommended in the concourse to trap dirt that otherwise might be carried onto the bowlers' area where it could damage approaches and lane surfaces.
- Choose materials that are durable and easy to maintain, in colors that will not be quickly outdated. Static-free materials are recommended.
- Discuss acoustics with your architect. The satisfying crash of the pins when a bowler makes a strike should not be eliminated, but care must be taken to ensure that the sound of the pins does not become overwhelming. If patrons cannot socialize, they will not return.

*Take the next step toward a successful bowling center. Contact your Brunswick representative for a Comprehensive Bowling Center Planning Guide with AutoCAD images.*

*For additional planning, product, and support services information regarding your new center development, visit our website at [www.brunswickbowling.com/newcenter\\_home](http://www.brunswickbowling.com/newcenter_home).*

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