

Vector Center Network Systems: where excitement and technology meet.

Brunswick Center Network Systems represent a dynamic convergence of imagination and advanced technology.

Vector Scoring System

- Spectacular score sheet, videos, graphics, animations, and sound effects
- Over 140 animated graphics and scoring excitors
- Over 100 score sheets
- Over 150 still frame graphics
- Over 380 various sounds
- Ability to create customer scoring graphics and videos
- Promotional messaging capabilities

GS-X Pinsetters raise your performance and lower your operating costs.

The GS-X pinsetter raises performance and reliability levels while lowering costs for energy, parts, and maintenance. Brunswick's years of experience, advanced engineering, and integration of new technology have made the GS-X the industry's premier pinsetter.

GS-X Pinsetter

- Reliability & Performance - unmatched in the bowling industry
- Quality - the necessary insurance provided by an ISO 9001 certified manufacturing facility
- Engineering - engineered with the customer in mind - power and cost driven, utilizing state-of-the-art materials
- Innovation - Next Generation Electronics with diagnostics, easy-to-use display codes, energy efficient operation - all features and benefits driven by our valued customer
- Support - service parts, warranty, knowledgeable product specialists, world class Brunswick distributors, product training, worldwide seminars - serving all your needs
- Heritage - celebrating the 20th anniversary of the first GS Series pinsetter

Pro Lane means premium performance.

Brunswick Pro Lane is the industry standard for synthetic lane surfaces. Pro Lane is designed and built with features and benefits that no other lane can match:

Pro Lane

- Natural maple image maintains its bright, attractive appearance year after year
- Durable solid phenolic construction virtually eliminates the risk of costly delamination
- Wide textured approaches provide comfortable, consistent sliding conditions
- Anti-skid pindecks reduce sliding pins and out-of-range calls
- Patented full-lane glow provides unbeatable Cosmic Bowling fun
- Patented down-lane markings are great teaching tools and visual guides for beginners and competitive bowlers
- Lifetime warranty against delamination

The Striking Line - Customized style, comfort, flexibility and durability at an affordable price.

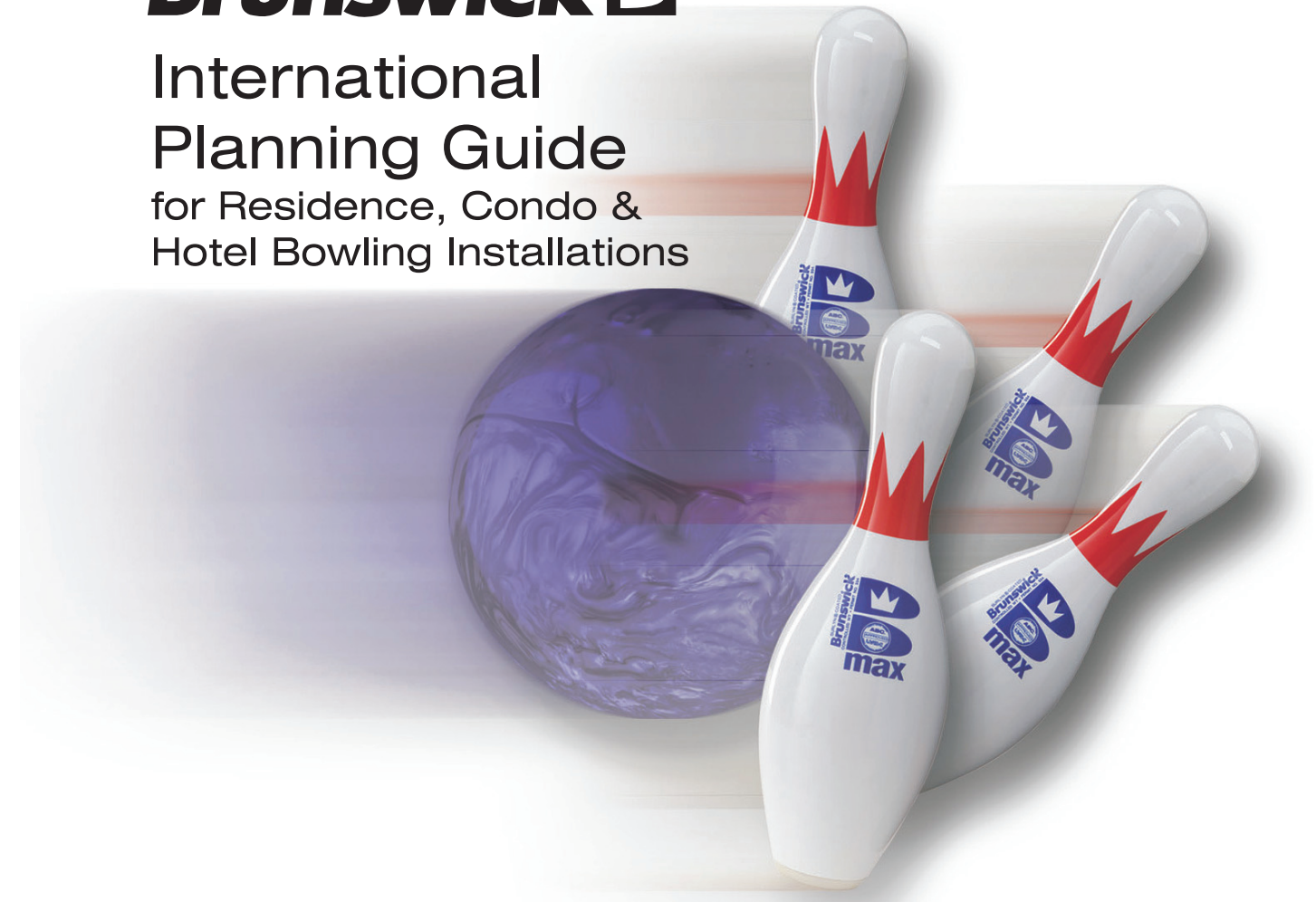
Fun, flexible and functional furniture. The Striking Line allows you to customize layouts to accommodate your design.

Striking Line Furniture

- Coffee table provides space for food and beverages
- Furniture components are designed with plenty of storage space for bowling bags, shoes, purses and coats
- To ensure safety, all components have passed BIFMA Plus testing
- Available in many attractive fabrics, Striking Line furniture can be customized to match any decor and can be coordinated with Brunswick Lanescape masking units.

Brunswick®

International Planning Guide for Residence, Condo & Hotel Bowling Installations



Brunswick Bowling Products
bring fun and excitement
wherever they are installed.

Brunswick®

Residential Planning Guide

Site Requirements

Concrete Floor

Bowling lanes are installed on a waterproof, reinforced concrete slab poured over compacted fill. In the lane area, the surface must be level to within 1/2" (13mm).

A 17" (432mm) depression for the lanes is required for a flush installation to the bowlers' area.

The concrete floor in the bowlers' area should be thick enough to accept a 2-1/2" (64mm) anchor for seating and other related equipment.

Entrance Requirements

A 6' 0" (1.829m) wide x 6' 8" (2.032m) high entrance or an opening in a side is required to bring equipment into the building. The entrance should be located toward the front area of the bowling lanes.

Unloading Area

An unloading area adjacent to the job site is required for receiving the equipment.

Storage Space

In addition to the bowling area, an adequate area must be provided for the storage of tools, foundation materials, lane panels, and other equipment. This area should be secure, dry, and clear of all other trades.

Electrical Power

At the time of installation, electrical power is required for suitable illumination and the use of power tools.

Temperature and Humidity Control

A continuous controlled atmosphere must be maintained prior to the delivery of any bowling materials to the job site. A relative humidity level of 40 to 50% must be maintained at a comfortable temperature level. This is to insure optimum performance and reliability for all equipment.

Electrical Requirements

Scoring Electrical Requirements

The customer is required to provide an isolated ground (IG) electrical sub-panel with an isolated neutral and ground buss, which is solely dedicated to the electronic scoring systems.

Pinsetter Electrical Requirements

GS Pinsetters can be ordered for 208, 230, or 380 VAC, three phase power, 50 or 60 hertz @12 amps. Order the proper GS Pinsetter voltage for the residence.

Note: Most residences do not have three phase power. If three phase power is not available, a rotary phase generator is an option to provide three phase power. A rotary phase generator converts single phase power input, 50 or 60 hertz, to three phase power output, 50 or 60 hertz.

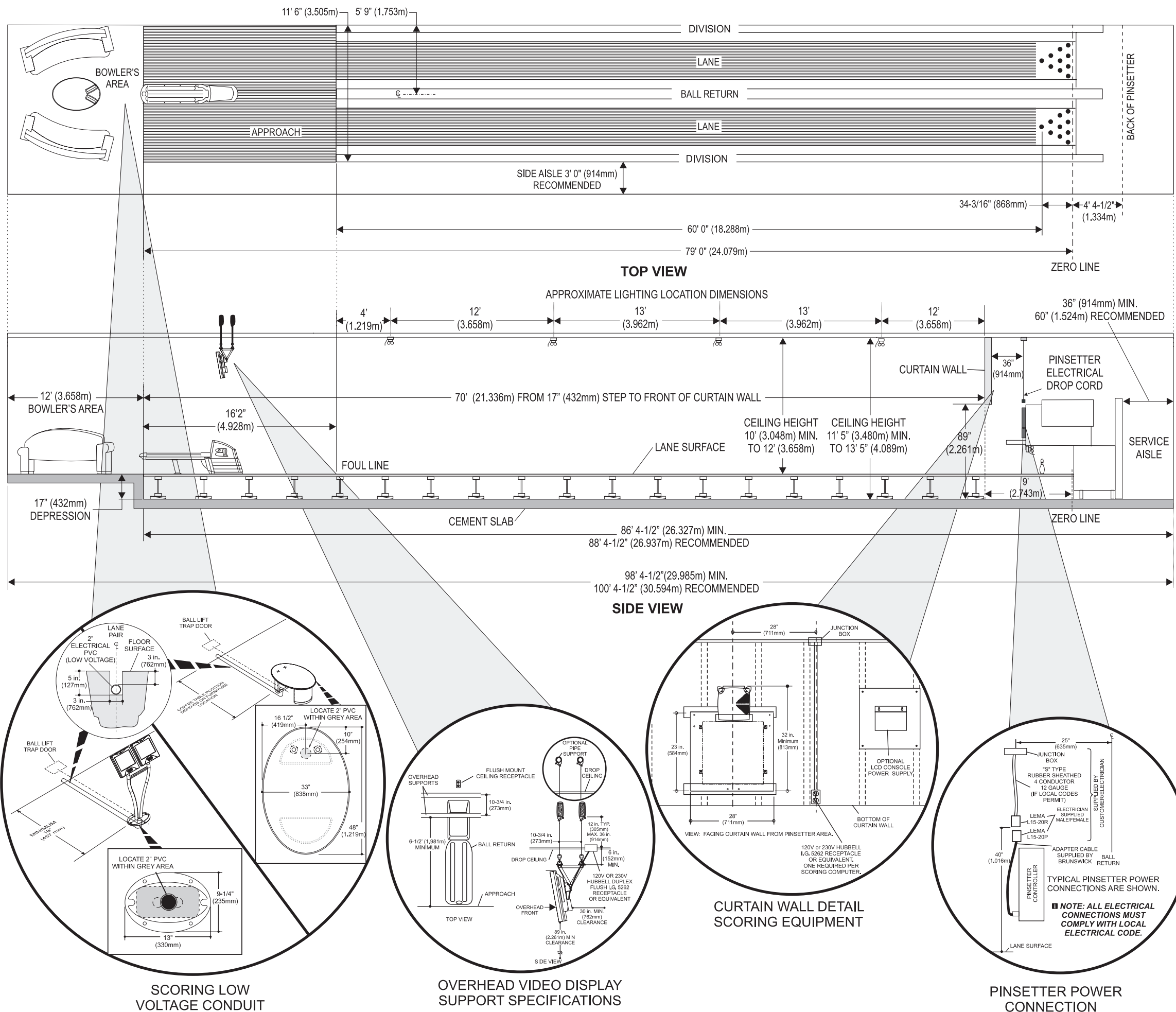
U.S.A. Example

A rotary generator for 230 VAC GS Pinsetter:

Manufacturer: Kay Industries
 Model: PHASEMASTER, MA-00-AW
 Phone: 574-236-6220
 Web site: www.kayind.com

Note: This guide is intended as a general overview for residential installations. Refer to the following manuals for detailed product specifications at www.brunswickbowling.com/service__support2

- Comprehensive Bowling Center Planning Guide
- GS Pinsetter Pre-Installation Manual
- Vector Scoring Pre-Installation Manual



TOP VIEW

SIDE VIEW

CURTAIN WALL DETAIL SCORING EQUIPMENT

PINSETTER POWER CONNECTION

SCORING LOW VOLTAGE CONDUIT

OVERHEAD VIDEO DISPLAY SUPPORT SPECIFICATIONS