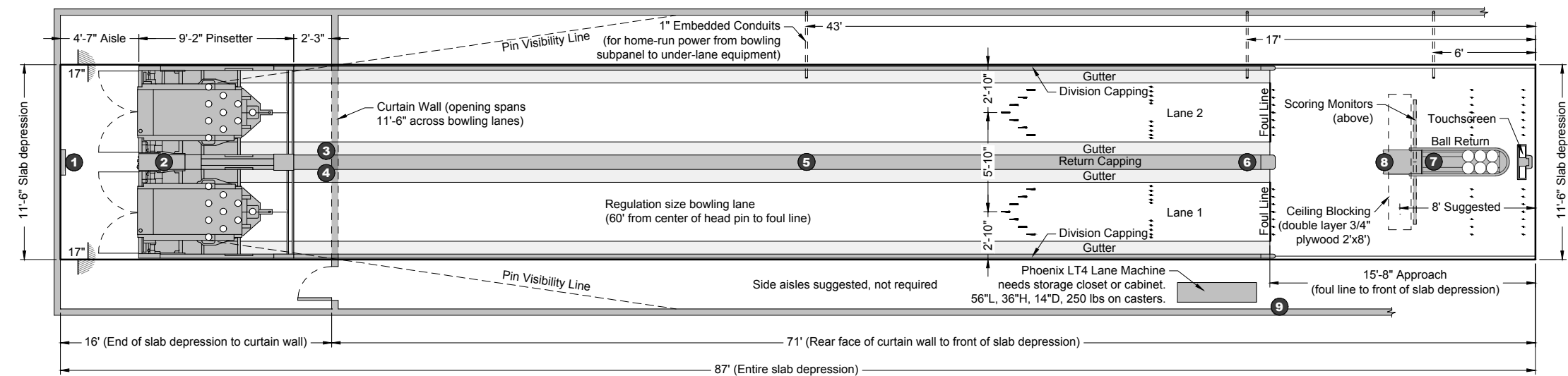
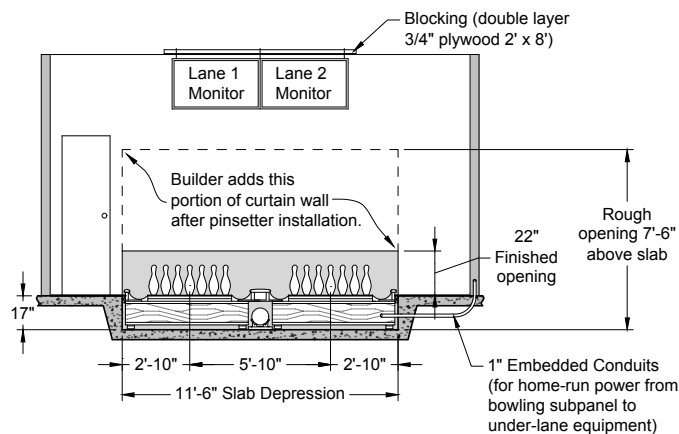


Side Section



Plan



Front Section

Electrical Notes

#	Device	Description	Breaker	Current	Voltage
1	Subpanel	Located in pinsetter machine room. <u>Dedicated to bowling circuits only.</u>	—	—	—
2	Pinsetter machine	SO flex cord (12/3" AWG) from ceiling (1 connection per pair of machines)	20A	12.5A	230V**
3	Scoring electronics	Quad receptacle on back of curtain wall	15A	10A	115V
4	Internet jack	Hard-wired (not Wi-Fi) ethernet jack on rear face of curtain wall	—	—	—
5	Bumpers	Duplex receptacle under return capping	15A	3A	115V
6	Foul detector	Duplex receptacle under return capping	15A	1A	115V
7	Ball return	Junction box under trap door in approach	15A	6A	115V
8	Scoring monitors	Duplex receptacle in ceiling	15A	5A	115V
9	Lane oil machine	Dedicated 5-20R wall receptacle near foul line	20A	15A	115V

*12/4 AWG if building has 3-phase power.

**208V if building has 3-phase power.



Home Bowling Alley Sales & Installation
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Brunswick
Preferred Partner

General Notes: This drawing depicts a typical scenario, and will change based on unique circumstances at each job site. Autocad & PDF drawings are available at www.fusionbowling.com/downloads. Contact Fusion Bowling for free design and planning help. Manufacturing lead times can be several months. The first site visit occurs during electrical rough-in work.

Installation Timing: Bowling alley installation occurs **after** HVAC is maintaining 72°, and ceiling finishes and light fixtures are complete, but **before** flooring. The installation work takes about 5 days for a 1- or 2-lane project; but allow a 1- to 2-month window to account for scheduling, shipping, and travel coordination among other customers.

Scope of Work by Fusion Bowling:

- Site coordination visits. First visit occurs during electrical rough-in.
- Bowling lane system: lanes, sub-lane i-joint structure, pinsetter machines, gutters, capping, ball return.
- Scoring system: touchscreens, monitors, ceiling mounts, data cables.
- Accessories: balls, shoes, lane maintenance supplies.
- Freight, travel, telehandler rental, installation labor, training.

Scope of Work by Others:

- Electrical subpanel dedicated to bowling circuits only.
- Power connections to bowling equipment.
- Conduits for data cable in ceiling and power to under-lane equipment.
- Empty 30-yard dumpster.
- Construction of curtain wall across bowling lanes.
- Ceiling blocking (double layer 3/4" plywood 2' x 8') to support monitors.
- Steps, ramps, railings, flooring transition trim (reducers, T molding, etc).
- Ram Board® or similar product to protect bowling lanes.
- Plastic sheeting to protect pinsetter machines and electronics from dust.
- Ongoing maintenance of the bowling alley. See www.fusionbowling.com/maintenance for service providers.

Recommended Additions by Others

- Custom shelving or cubby holes for shoes and balls. See www.fusionbowling.com/storage for ideas.
- Special effects or UV "black" lighting to make lanes fluoresce ("glow").
- Closet for lane maintenance supplies and lane oiling machine.
- Mop sink for easy draining/refilling of lane oiling machine.

PROJECT: Typical

REVISION DATE: July 2, 2024

Bowling Alley: 2 Lanes