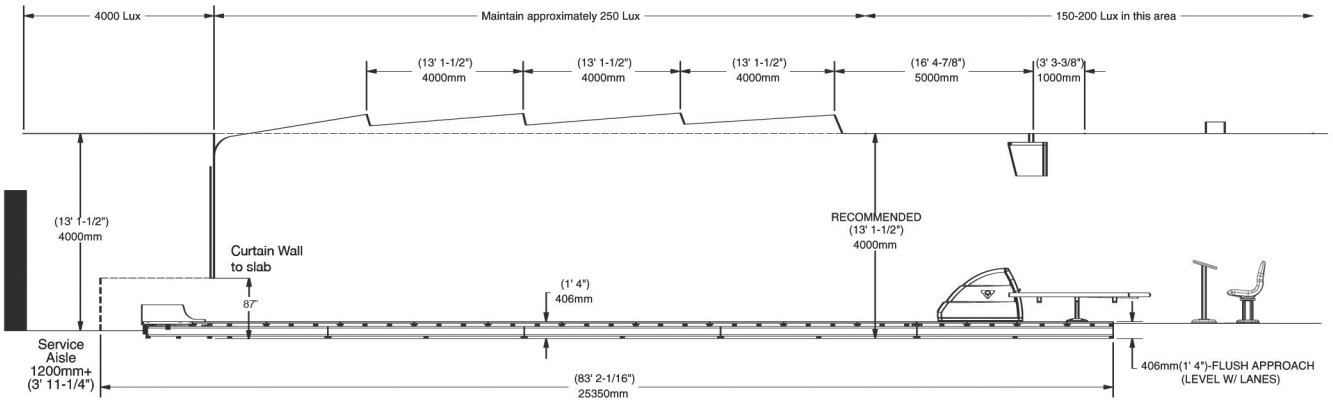
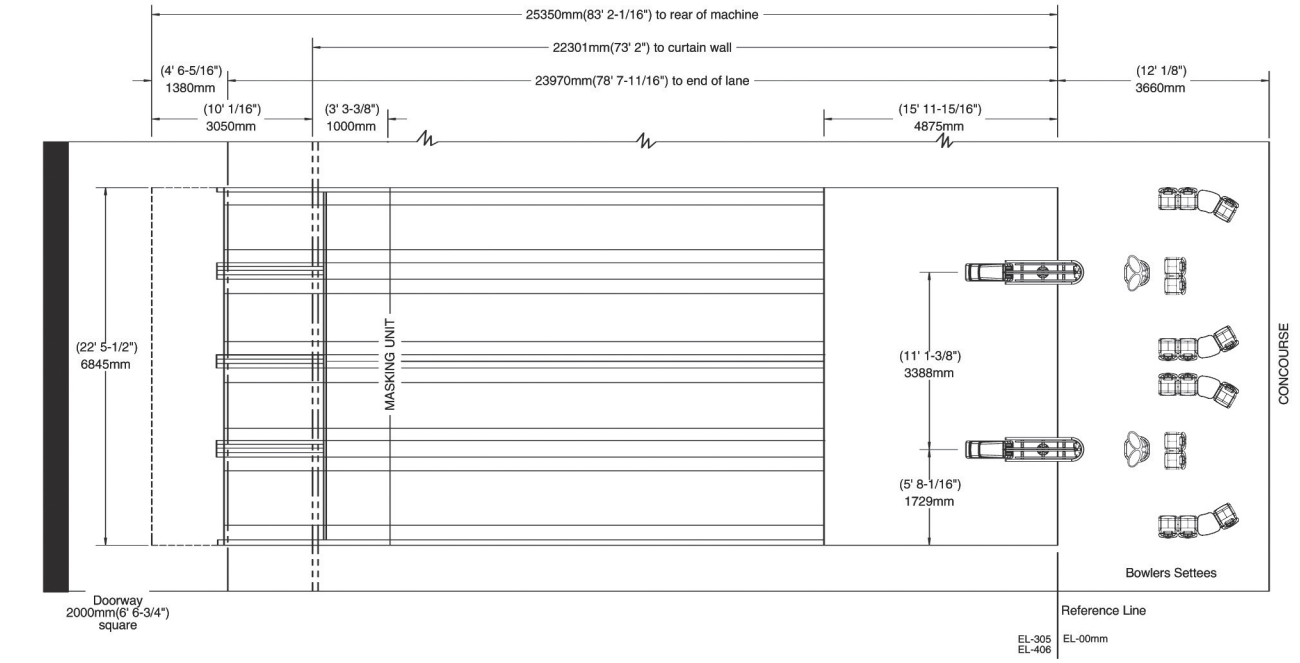
It doesn't take a lot of space to make a lot of money with QubicaAMF.

Space requirements for a complete bowling center with space for snack and beverage bars, offices, nursery, pro shop, bathrooms and arcade averages 1,000 square feet (92.9 square meters) per lane with a depth of 150 feet (45.7 meters).

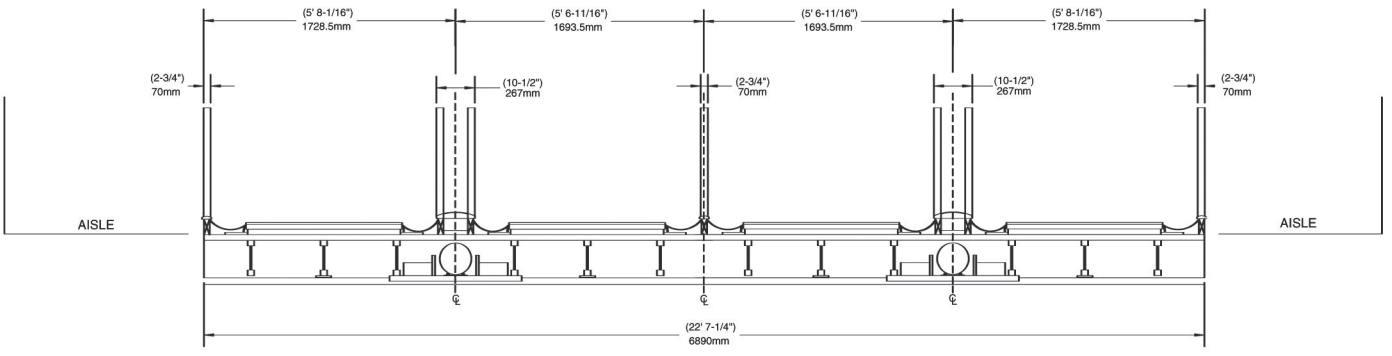
PROFILE



PLAN



CROSS SECTION



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BUILDING PLANNING

The building should be located on the property with thought for future expansion if property is available. It should be easily accessible from main traffic arteries with ample parking facilities (5-7 cars per lane) and entrances adjacent to the parking area. If possible provide canopies over the entrances.

BASIC INFORMATION

1. Number of lanes to be installed.
2. Rows of spectator seats necessary for the location (optional).
3. Will food or beverages be served on the concourse? If so, then space will be necessary for tables and chairs or settees.
4. Will storage for parts, pins and other equipment be in a separate room at the rear or to the side of the installation, or in a 1800 - 2400mm (6'- 8') wide aisle behind the pinspotters?

NECESSARY SERVICE FACILITIES

1. Men's and Women's toilets
2. Locker rooms or areas
3. Control counter
4. Office(s)
5. Maintenance workshop
6. Storage for bowling supplies and materials
7. Checking facilities
8. Bar or cocktail lounge
9. Snack bar, grill or restaurant
10. All-purpose conference or meeting room (optional)
11. Ball, bag and shoe sales and drilling room (optional)
12. Nursery (optional)

DETERMINE SIZE OF BUILDING

A. The width of the building is determined by the number of lanes. Take the width of the given number of lanes and add approximately 900mm (3') to each side of the lanes for aisle space and add the thickness of the two sidewalls.

B. The length of the building will be determined by adding together the following:

i. The thickness of the wall.

ii. A 1800 - 2400mm (6' - 8') aisle behind the pinspotters (if no rooms are to be provided for pin, parts and service storage). If rooms are to be provided then a 1200mm (4') aisle behind the pinspotters is satisfactory.

iii. The length of the lanes from the back of the pinspotters to the step-up onto the approach is 25,350mm (83.2').

iv. We recommend that the bowlers' settee area should be a minimum of 3200 - 3700mm (10.5' - 12').

v. For each row of spectator seats add 1500mm (5').

vi. The concourse should have a minimum of 3650mm (12') of clear aisle space.

vii. If food or beverages are to be served on the concourse, 1500mm (5') should be added to the concourse dimension.

viii. The rest of the building should, of course, be large enough to contain all the services to be included.

ix. As a general rule, plan on 92.9 sq. m (1,000 sq. ft.) of building area per lane.

PINSPOTTER INSTALLATION

Provide an opening (minimum 2000mm square or 6 square feet) for QubicaAMF pinspotters at the rear of the building. Use overhead doors or other suitable style doors to allow pinspotters to be brought into the building and also allow for deliveries of pins and other merchandise.A 1200mm (4') passageway must be provided behind the pinspotters (see above). We suggest that pinspotters and the service area be painted. For repair work one or more work benches should be installed in a workshop.We recommend a vice and appropriate electrical outlets for tools. Also provide electrical outlets on the rear wall for cleaning and other repair purposes.These areas should also be heated in winter.

AUTOMATIC SCORING

Most new bowling centers built today elect to install automatic scoring systems. These can incorporate fully computerized business systems which not only run all the essential bowling programs such as tournament formats and league programs but also automatically track, audit and record all the cash takings and business activity of the center.

QubicaAMF offers a choice of fully upgradable automatic scoring systems from self-contained monitors built into the free-standing bowler's terminals at lane level, to overhead monitors, requiring a steel support beam to be built into the structure of the premises, or a combination of both. A representative will be pleased to explain the relative advantages of each style and advise you of the structural and electrical requirements.

HEATING AND AIR CONDITIONING

Air conditioning is a necessity in hot climates and the heating/AC system should be designed to maintain a constant 21 - 23 degree centigrade (69°- 73° F) temperature with a relative humidity of 35% - 45%.

BOWLING LANE WIDTH TABLE

Number of lanes	Width Feet - Inches	Meters
2	11' - 5 7/8"	3.502
4	22' - 7 1/4"	6.890
6	33' - 8 5/8"	10.277
8	44' - 10"	13.665
10	55' - 11 3/8"	17.053
12	67' - 3/4"	20.441
14	78' - 2 1/8"	23.828
16	89' - 3 1/2"	27.216
18	100' - 4 7/8"	30.604
20	111' - 6 1/4"	33.992
22	122' - 7 5/8"	37.379
24	133' - 9"	40.767
26	144' - 10 3/8"	44.155
28	155' - 11 3/4"	47.542
30	167' - 1 1/8"	50.930
32	178' - 2 1/2"	54.318
34	189' - 3 7/8"	57.706
36	200' - 5 1/4"	61.093
38	211' - 6 5/8"	64.481
40	222' - 8"	67.869
42	233' - 9 3/8"	71.257
44	244' - 10 3/4"	74.644
46	256' - 1/8"	78.032
48	267' - 1 1/2"	81.420
50	278' - 2 7/8"	84.807
52	289' - 4 1/4"	88.195
54	300' - 5 5/8"	91.583
56	311' - 7"	94.971
58	322' - 8 3/8"	98.358
60	333' - 9 3/4"	101.746