

Designers Guide

Design Approach

Standards

Shapes and Sizes

Layouts

SOFTTOUCHFURNITURE.COM | 1.877.747.7638




SOFT TOUCH FURNITURE



WE ARE THE MANUFACTURER

If You Can Dream It, We Can Build It



WHAT MAKES US DIFFERENT

Soft Touch Furniture is an industry leader in durable, high quality commercial furniture and has an excellent reputation for affordable, custom-made products, and excellent customer service.

We know that your project demands special attention. When you partner with Soft Touch Furniture, you receive expert knowledge, personal attention, and competitive pricing—a combination that sets us apart in the commercial furniture manufacturing industry. We are proud of our superior attention to detail and outstanding craftsmanship.

Our team of professionals, from designers to builders to installers, ensures each piece is produced to your exact specifications. From a single piece to a complete furniture package, we are your one-stop source for premium custom furniture at very competitive prices.



Soft Touch Furniture
 1560 South State Street
 Girard, Ohio 44420 U.S.A.
 1.877.747.7638

softtouchfurniture.com
info@softtouchfurniture.com

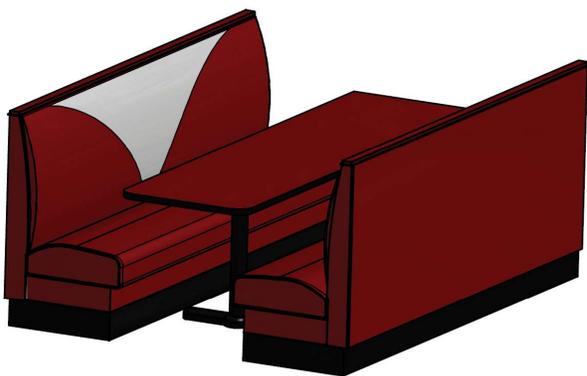


Over the last 45 years, Soft Touch Furniture has produced some of the finest furnishings in the industry. Our comprehensive experience across all manner of clients—from world-class hotels in NYC, to premier eateries in LA, to local one-location family restaurants—gives us a unique insight into how to take your vision from concept to completion. From booths and banquettes, to tabletops, chairs, barstools, and even custom pieces, we do it all! Working together, we'll ensure you get exactly what you want.

About Us

Design

We hope this design guide is helpful in designing your own space. That said, we realize designing is not easy, and can actually seem overwhelming. That's why we offer our own design services, which are here to help you any way we can. Whether you just need us to check over your own work, or you want us to design the space from the ground up (including choosing fabrics and finishes), we can help as much or as little as you need.

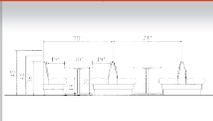


DESIGN SERVICES

- Project consultation
- Overview of your design concept
- Field measurements
- Seating plan with 2D CAD drawings
- Assistance with choosing style and fabrics
- Fabric and finish samples available
- 3D renderings
- Wall elevations
- Delivery of final product
- Installation

At Soft Touch Furniture, we pride ourselves in not only making beautiful high-quality furniture, but also doing everything we can to get you exactly what you want in terms of feel and fit. This design guide has been created to help you achieve the perfect balance for your establishment.

Space planning and seating capacities... pages 4 - 5



- Design approach
- Seating capacity

Standards... pages 6 - 9



- Seating standards
- Bar standards
- ADA standards
- Booth and table seating standards

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- Height differences
- Example layouts

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- Fabric
- Foam and Cleaning

Design Approach

Successful furniture design blends the physical space with the vision for the environment. In most hospitality and commercial establishments, one of the primary business goals the furniture must support is to maximize occupancy and efficiency, both of which will help drive revenues. Whether your project is a restaurant, a hotel lobby, or a higher education cafeteria, site measurements are a must in order to determine the size and quantity of the best commercial furniture solution. The following information outlines various standards and approaches to mapping out the most popular hospitality space—dining areas.

A dining area should have a natural flow, from the lobby to the bar to the dining room to the kitchen. For optimal results that allow your customers to enjoy your environment and your staff to operate efficiently, use the below guidelines to establish the ideal floor plan for your dining experience. In many cases a healthy combination of booths, various size tables, and private spaces give the best chance to maximize revenue.

PLANNING STEPS

- **Step 1: Grab a Tape Measure**
Measure the interior space of your area. Note location and dimensions of features such as doorways, windows, emergency exits, counters, server stations, bar, and any other feature that takes up floor space or that must be accounted for in the floor plan.
- **Step 2: Pencil and Graph Paper**
Sketch a detailed, scaled outline of your floor plan and its features using the measurements.
- **Step 3: Select Dining Seating**
Select seating and table sizes that meet your needs and add those to the sketched floor plan.

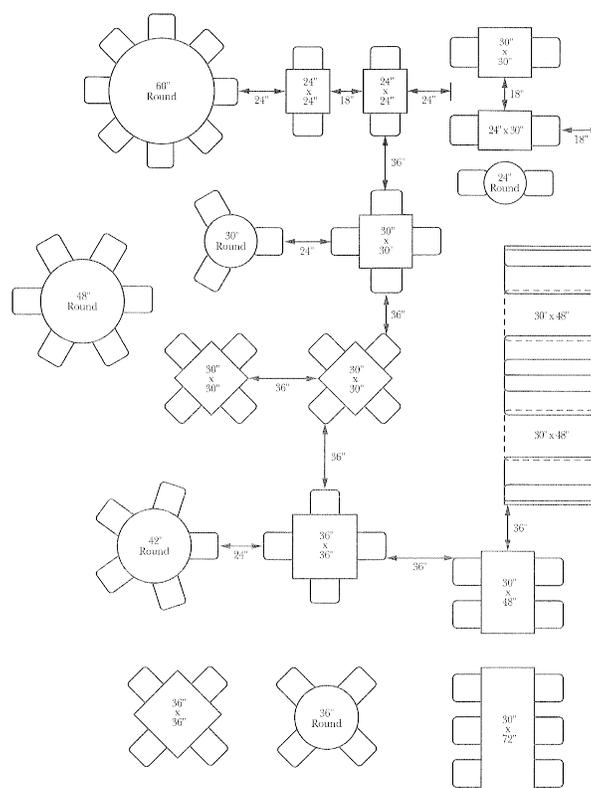
DINING AREA SPACE ALLOCATIONS

- Spacious Dining: 14 sq ft/person
- Cafeteria and Restaurant Dining: 12 sq ft/person
- Banquette, Institutional and Fast Food Dining: 10 sq ft/person

AISE ALLOWANCES

- Chair back to chair back: 18" – 24" aisle 6" minimum for access
- Table corner to table corner: 24" – 36" aisle 12" minimum for access
- Table side-by-side: 16" – 18" aisle 3" – 6" for no access
- Service aisle: 28" – 36" aisle

ACCEPTABLE TABLE SPACING



Seating Capacity

The architectural standard for dining suggests that 300 square inches be allowed per diner. However, some establishments may call for more or less allocation. For instance, fast food restaurants, quick serve coffee shops, diners, lunchrooms, or similar spaces can get by with less space per diner. On the other hand restaurants such as fine dining restaurants, pizza shops, Mexican restaurants, and many Asian style restaurants may require more table space for larger food items, special utensils, various condiments and sauces, and similar.

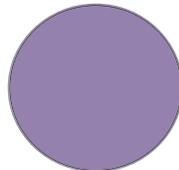
Tables come in different shapes and sizes, both of which have a big impact on seating capacity. Some examples of table shapes are:

- Square
- Round
- Rectangle
- Oval
- Half circle
- Drop Leaf
- Corner
- Boat
- Arc Rectangle
- Racetrack
- Custom



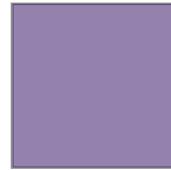
RECTANGLE

- | | | |
|-----------------|-----------------|--------------------|
| 18"x24" (2) | 30"x48" (4) | 42"x72" (6 – 8) |
| 24"x30" (2) | 30"x60" (4 – 6) | 42"x84" (6 – 8) |
| 24"x36" (2) | 30"x72" (6) | 42"x96" (8) |
| 24"x42" (4) | 30"x84" (6) | 48"x96" (8) |
| 24"x48" (4) | 30"x96" (8) | 48"x120" (10 – 12) |
| 24"x60" (4) | 36"x42" (4) | 48"x144" (12 – 14) |
| 24"x72" (6) | 36"x48" (6) | 48"x168" (14 – 16) |
| 24"x84" (6) | 36"x60" (6) | 60"x120" (12) |
| 24"x96" (8) | 36"x72" (6) | 60"x144" (14) |
| 30"x36" (2 – 4) | 36"x84" (6 – 8) | 60"x168" (16) |
| 30"x42" (4) | 36"x96" (8) | |



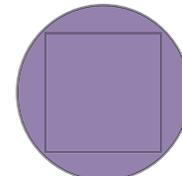
ROUND

- 18" Round (2)
- 24" Round (2)
- 30" Round (2 – 4)
- 36" Round (4)
- 42" Round (4)
- 48" Round (6)
- 54" Round (7)
- 60" Round (8)



SQUARE

- 18"x18" (2)
- 24"x24" (2)
- 30"x30" (2 – 4)
- 36"x36" (4)
- 42"x42" (4)
- 48"x48" (6)



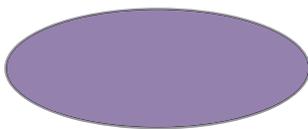
DROP LEAF

- 42" Round to 30"x30" (2–4)
- 48" Round to 34"x34" (4–6)
- 51" Round to 36"x36" (4–6)
- 60" Round to 42"x42" (4–8)



HALF CIRCLE

- 24"x48" (2)
- 30"x60" (2)
- 36"x72" (2 – 4)



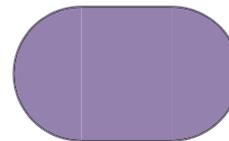
OVAL

- | | | |
|-------------|-----------------|-----------------|
| 24"x36" (2) | 24"x96" (8) | 30"x96" (8) |
| 24"x36" (2) | 30"x36" (2 – 4) | 36"x72" (6 – 8) |
| 24"x42" (4) | 30"x42" (4) | 42"x54" (4 – 8) |
| 24"x48" (4) | 30"x48" (4) | 42"x78" (6 – 8) |
| 24"x60" (4) | 30"x60" (4 – 5) | 42"x84" (6 – 8) |
| 24"x72" (6) | 30"x72" (6) | 48"x78" (6 – 8) |
| 24"x84" (6) | 30"x84" (6) | 48"x96" (8) |



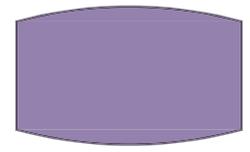
ARC RECTANGLE

- | | |
|-----------------|--------------------|
| 30"x60" (6) | 42"x84" (6 – 8) |
| 30"x72" (6 – 8) | 42"x96" (8) |
| 30"x84" (6 – 8) | 48"x96" (8) |
| 30"x96" (8) | 48"x120" (10 – 12) |
| 36"x60" (6) | 48"x144" (12 – 14) |
| 36"x72" (6 – 8) | 48"x168" (14 – 18) |
| 36"x84" (6 – 8) | 60"x120" (12) |
| 36"x96" (8) | 60"x144" (14) |
| 42"x72" (6 – 8) | 60"x168" (16) |



RACETRACK

- | | |
|-----------------|--------------------|
| 30"x60" (6) | 42"x84" (6 – 8) |
| 30"x72" (6 – 8) | 42"x96" (8) |
| 30"x84" (6 – 8) | 48"x96" (8) |
| 30"x96" (8) | 48"x120" (10 – 12) |
| 36"x60" (6) | 48"x144" (12 – 14) |
| 36"x72" (6 – 8) | 48"x168" (14 – 18) |
| 36"x84" (6 – 8) | 60"x120" (12) |
| 36"x96" (8) | 60"x144" (14) |
| 42"x72" (6 – 8) | 60"x168" (16) |



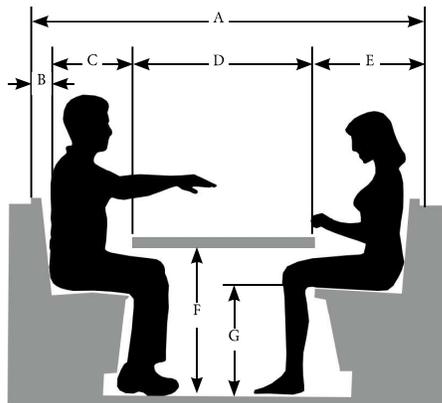
BOAT

- 36"x72" Center 42 (6 – 8)
- 36"x84" Center 48 (6 – 8)
- 36"x96" Center 48 (6 – 8)
- 36"x120" Center 48 (6 – 8)
- 36"x144" Center 48 (6 – 8)
- 36"x168" Center 48 (6 – 8)

(#) Denotes seating capacity

Seating

Providing comfortable, spacious seating for your diners to relax is very important to the success of your establishment. The following guidelines lay forth seating layout standards for booths and tables to create a pleasant seating environment for your guests. At Soft Touch Furniture, our furniture always meets these guidelines, which helps ensure your guests feel comfortable in your establishment. As always, check with your local codes to see if there are any special spacing requirements.

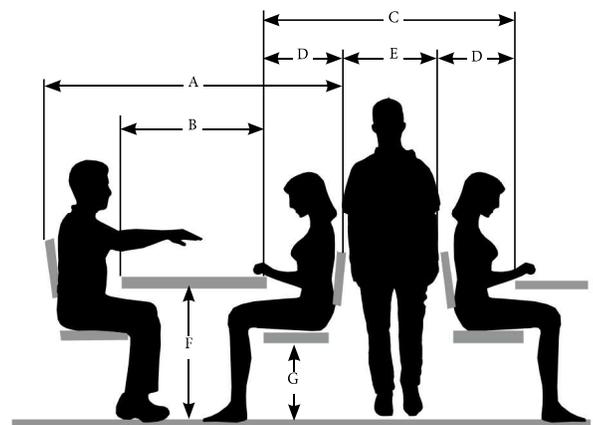


BOOTH DIMENSIONS

A. Total booth width	66" – 84"
B. Seat back depth	3" – 6"
C. Seat back-to-table edge clearance	16"
D. Table width	24" – 42"
E. Table edge to back of seat cushion	22" – 24"
F. Tabletop height	29" – 30"
G. Seat height	18" – 19 1/2"

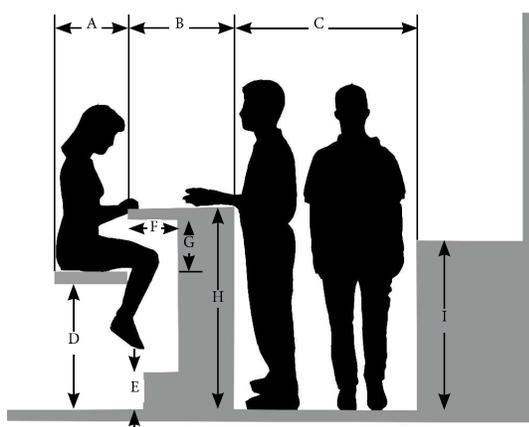
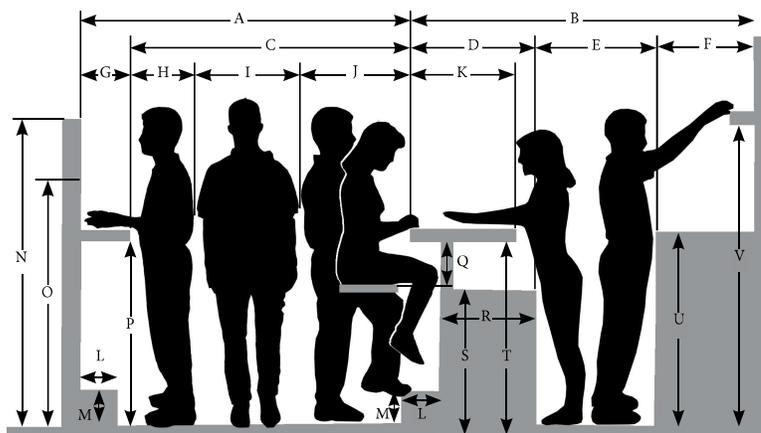
TABLE DIMENSIONS

A. Total area required for table	60" – 90"
B. Tabletop width	24" – 42"
C. Customer traffic and seating area	54" – 72"
D. Customer seating area	18" – 24"
E. Traffic area	18" – 36"
F. Tabletop height	29" – 30"
G. Seat height	16" – 18"



Bar

If your restaurant is to have a bar or a counter space that diners will eat or drink at the layout of that area is just as important as regular tables and booths. Below are the standards for bar and counter designs that allow for a well proportioned space. Remember that not only will your guests need to feel comfortable visiting your establishment, your staff will need to be comfortable working in the environment as well. Making sure that the staff has adequate workspace is very important to how your establishment will run and the working atmosphere you create.



BAR DIMENSIONS

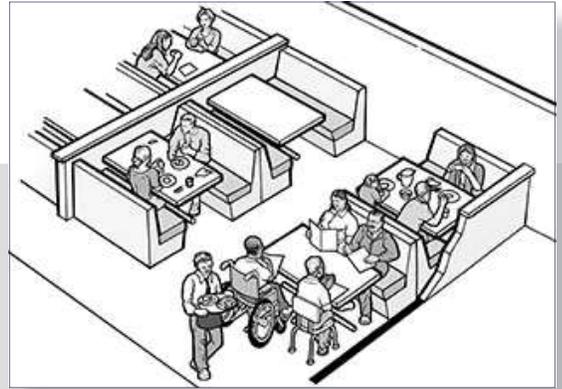
A. Outer bar edge to wall	76" – 84"
B. Outer bar edge to back wall	84" – 104"
C. Outer bar edge to drinking shelf	66" – 72"
D. Outer bar edge to equipment edge	23" – 28"
E. Behind bar traffic area	30" – 36"
F. Back bar depth	24" – 30"
G. Drinking shelf depth	10" – 12"
H. Drinking shelf customer area	18"
I. Customer traffic area	30"
J. Bar seating area	18" – 24"
K. Bar depth	18" – 24"
L. Footstep depth	6" – 9"
M. Footstep height	7" – 9"
N. Room divider screen (high)	76"
O. Room divider screen (low)	55"
P. Drinking shelf height	42" – 45"
Q. Top of barstool to bottom of bar	11" – 12"
R. Depth of behind – bar equipment	22" – 26"
S. Behind – bar equipment height	30"
T. Bar height	42" – 45"
U. Back bar height	36" – 42"
V. Back wall shelf height	60" – 69"

COUNTER DIMENSIONS

A. Customer seating area	12" – 18"
B. Counter depth	18" – 24"
C. Service traffic area	36"
D. Seat height	30" – 31"
E. Footstep height	12"
F. Depth of counter underside	10"
G. Top of seat to underside of counter	11" – 12"
H. Counter height	42"
I. Back service counter height	36"

ADA

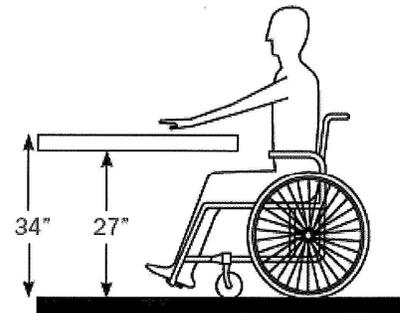
One thing a lot of people forget about when designing a restaurant is accessibility for the disabled in terms of dining comfort. Your restaurant may have ramps, handicap accessible bathrooms, and parking spaces, but there is more to making a space accessible to the disabled. Below are the standards for designing with regards to ADA regulations for access to tables.



ADA RECOMMENDED CLEARANCES

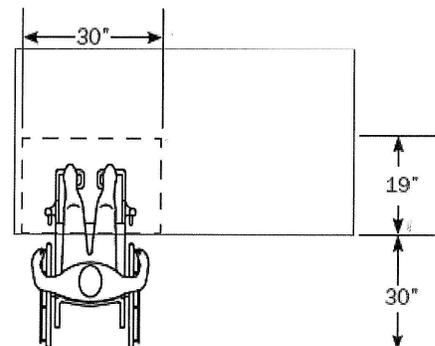
To comply with ADA regulations for wheelchair access to tables please use these recommended specifications:

- Minimum clearance of 27" from the floor to the bottom of the table
- Minimum barrier free width of 30"
- Minimum barrier free depth of 19"
- Minimum unobstructed space from table edge of 30"
- Overall table height not to exceed 34"



ADDITIONAL ADA RESOURCES

- National Network of ADA Centers: www.adata.org
- U.S. Justice Department's ADA Site: www.ada.gov
- ADA and ABA Guidelines: www.access-board.gov/ada

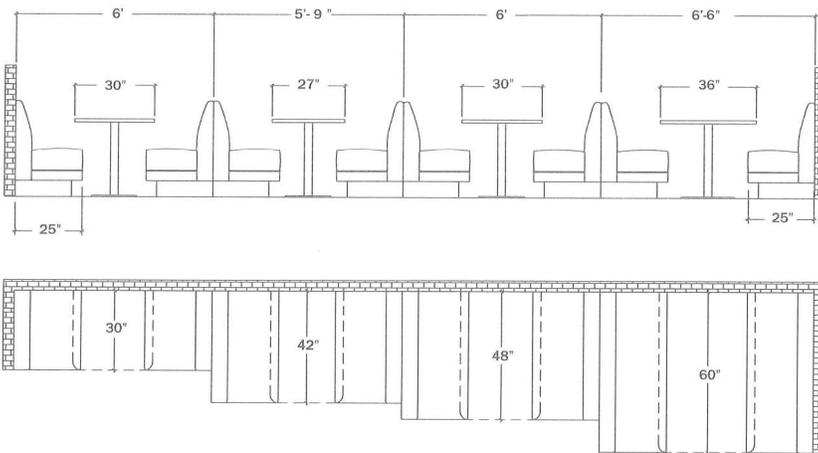


Spacing

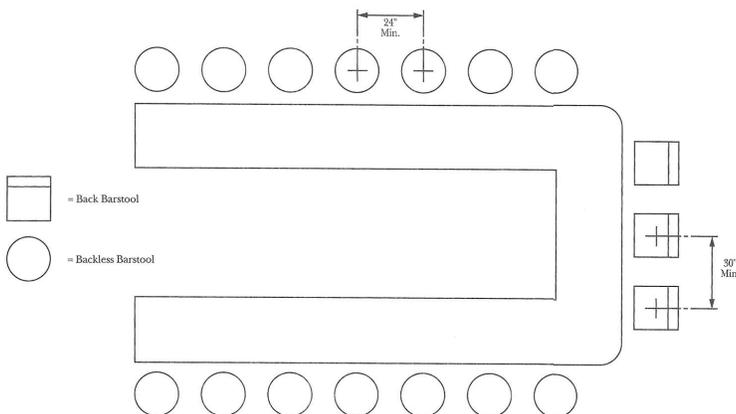
The spacing between booths and barstools influence your customers' dining experience. Too much space makes your customers feel disjointed. Too little space makes your customers feel claustrophobic. Use the booth and barstool spacing guidelines below to keep your customers feeling comfortable. Another thing to keep in mind when thinking about your booths is the booth table base. You can use a standard base on booth tables, but a great option to give your customers extra leg room are the cantilever bases featured below.



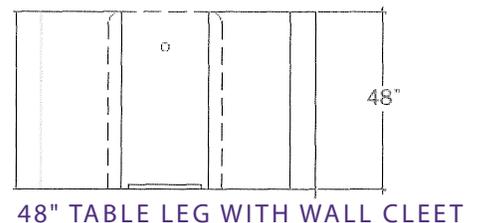
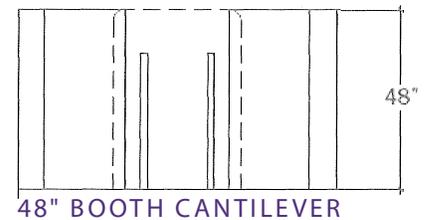
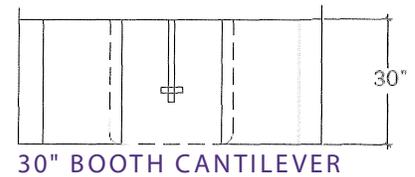
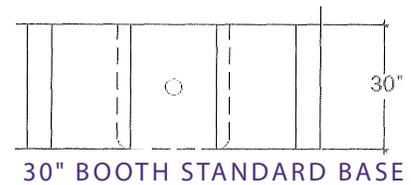
BOOTH SPACING AND LENGTHS



BARSTOOL SPACING



BOOTH BASE OPTIONS



Booth Shape

The shape of your furniture can greatly affect the way your establishment looks and functions. There are many different shapes of booths available to customize your design. The most common booth shapes are the single and double booths; however mixing shapes can give your space a unique look. The booth shapes below can be mixed and matched to your desire, but also remember that custom shapes are available if none of these work for you.

Things to take note of in your space when deciding which booth shapes you want to use

- Location of all windows and doors
- Tight corners or small spaces
- Angled or curved walls
- Columns
- Long lengths of wall
- Any accessibility issues



SINGLE



DOUBLE



U-SHAPE



3 QUARTER



STRAIGHT



L-SHAPE



ROTUNDA



ELLIPSE



CUSTOM CURVE

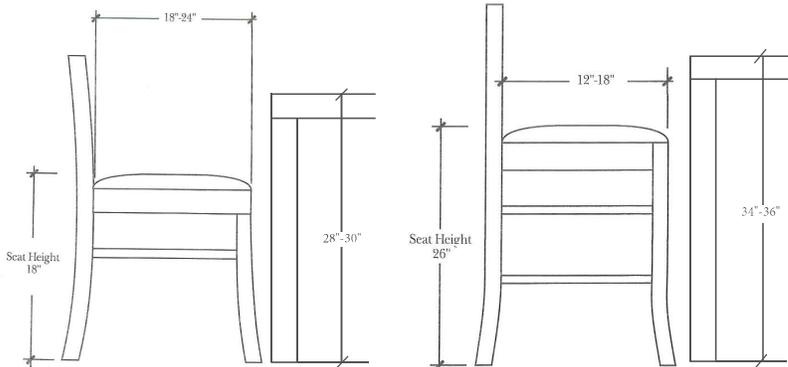
Height

There are several different height options for tables, chairs, and booths. As the height of your furniture can greatly affect the feel of your establishment, there are things to keep in mind when choosing the height of your furniture: What atmosphere do you want to have (casual vs. formal)? Are there any regulations that you need to be aware of? Are there any architectural features of your space which may help determine the size of your furniture (lower ceiling, etc.)? Once you answer these questions choosing the size of your furniture should be easy.

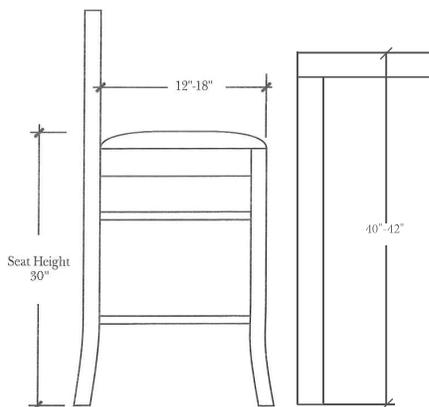


STANDARD HEIGHT

COUNTER HEIGHT



BAR HEIGHT

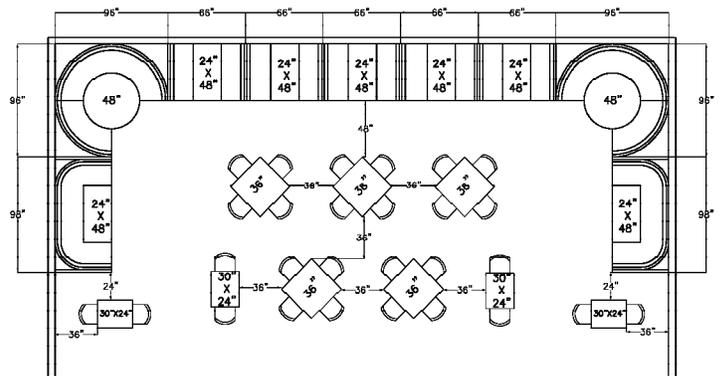
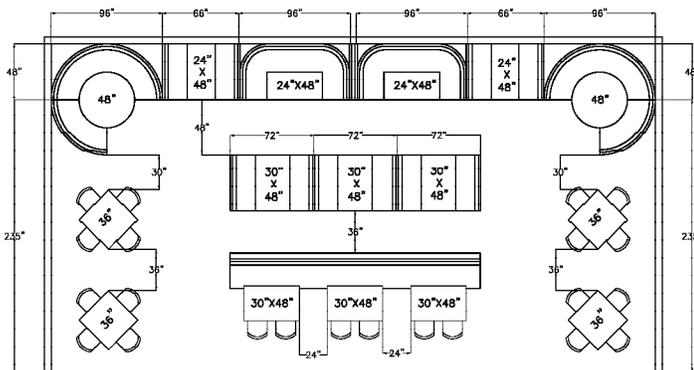
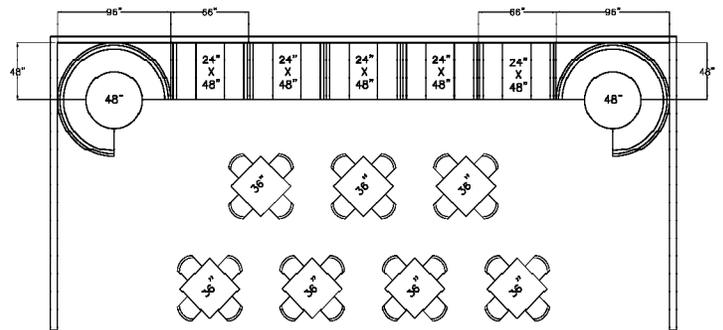
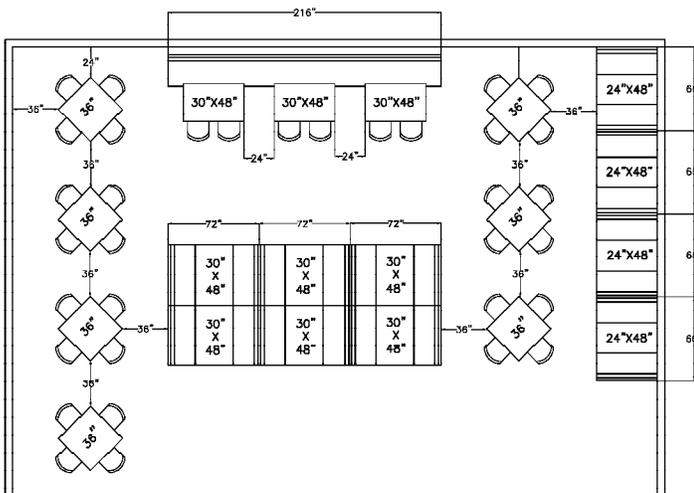


DIFFERENT HEIGHT CHOICES

- Standard Height:**
 This is typically a table height of 28" – 30" and a seat height of 18". It is the most common height in restaurants. Not only do most people find this height very comfortable, it is also the only height that complies with ADA regulations.
- Counter Height:**
 This is typically a table height of 34" – 36" and a seat height of 26". They are typically more casual and make it easier to talk with people who may be standing. They can work well in small areas because they give the illusion that they take up less space.
- Bar Height:**
 This is typically a table height of 40" – 42" and a seat height of 30". This taller, thinner height is very good for small spaces (and perfect for "bar area" tables). They have the same advantages as counter height furniture but even more so. And because the difference between standing and sitting is so minimal, they create an extremely casual, "fun" atmosphere.

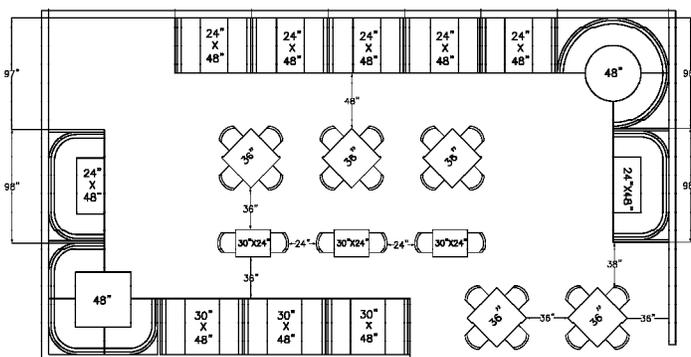
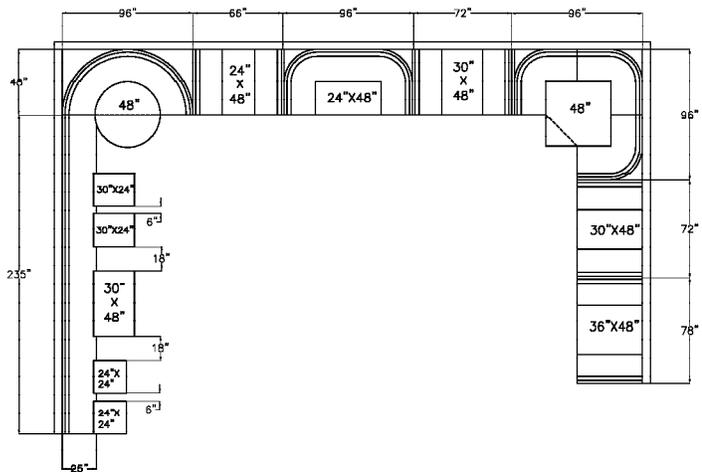
Examples

Below are some examples of different layout options that are available. There are thousands of different combinations, so these are just the tip of the iceberg (let your creativity run wild!) When designing your space, you will want to make sure that the design has the number of seats you desire, the atmosphere you wish, while also making your customers comfortable.



Space

Remember that every space can be unique, no matter how regular or irregular it may be. Different layouts create different atmospheres, which allow for very different experiences. When laying out your space, make sure you're not only thinking about the overall floor plan, but also considering the height you want your diners to be sitting at. Having seating areas that are at different heights can make your space much more dynamic, and allow many different experiences within a single area.



THINGS TO CONSIDER WHEN DESIGNING YOUR SPACE

- Organize seating so your staff has a clear path between each table and the kitchen.
- For busy aisles with bidirectional traffic (both servers and customers), consider a wider aisle.
- Leave clear paths to fire exits. In the event of an emergency, guests must be able to escape. If you're unsure whether your seating plan is safe, consult the local fire marshal.
- Think about your desired customer base. Different groups of people feel more comfortable in different settings. Casual, formal, a mix of the two – what's your vision?
- Remember it's your space. There are thousands of options for designing it, so you can be as creative as you want.
- When in doubt, ask for help. At Soft Touch Furniture, we are happy to help with the designing of your space, and we will work with you to make sure your vision is realized.

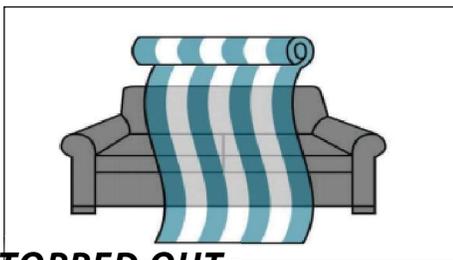
Fabric

Designing your space involves a lot more after the initial layout phase. Fabric choices greatly affect the look and feel of everything. When selecting your materials, keep in mind it's more than physical appearance. Fabric can have different durability characteristics, and can be designed different ways. Use the following guide to choose the fabric for your furniture.

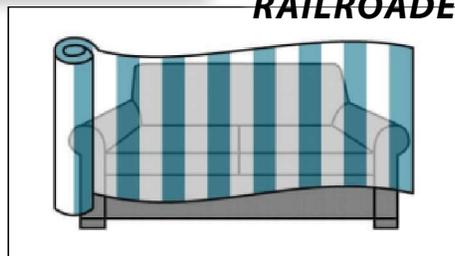


FABRIC DESIGN

- Soft Touch Furniture will normally Railroad (top parallel to the selvage edge) all fabrics, including velvets, when cutting either our standard fabrics or customers own material (COM). If, in our opinion, a fabric is designed to be cut Topped Out (top perpendicular to the selvage edge or up the bolt) or will present a better over-all appearance if so, we will cut it Topped Out.
- You may request that a fabric normally Railroaded be applied Topped Out.
- All fabrics typically have patterns that will repeat after a certain length. The term "repeat" refers to the length of the pattern before it starts over. Normally the repeat in the fabric will be in increments of 3", with the largest repeat typically being 27". Repeats can be vertical, horizontal, or in both directions.



TOPPED OUT



RAILROADED

FABRIC DURABILITY

Fabric durability is typically measured by what's called a double-rub count. This testing method is done using a machine that rubs a pad back and forth until the fabric is worn. Each back and forth pass is known as a "double-rub." Different grades of fabric require a different double-rub count.

- Heavy-duty commercial grade fabrics will withstand 100,000 double-rubs or more, and are durable enough for a high traffic commercial area.
- Heavy-duty grade fabrics will withstand 30,000 double-rubs. This fabric grade is generally stiffer and thicker than regular fabric and can be used in high traffic residential areas.
- Medium-duty grade fabrics will withstand between 15,000 and 30,000 double-rubs. This fabric grade is versatile and can be used for residential usage in moderate traffic areas.
- Light-duty grade fabrics will withstand between 9,000 and 15,000 double-rubs. This fabric grade generally only withstands one to three years of regular usage, and is not recommend for upholstery work.
- Delicate-duty grade fabrics will withstand under 9,000 double-rubs. This fabric grade should only be used for decorative applications.

Foam and Cleaning

How long your furniture last depends a lot on what you put in and on it. In a booth or seat cushion the density of foam you choose can affect the longevity of the piece. Likewise, how well you care for your furniture can affect how well it holds up over time.



FOAM:

Foam can be measured by density and firmness (these are separate characteristics – e.g., you can have a very dense foam that is also very soft or you could have a very firm foam that is not very dense.) Because of this, it is possible to pick foam that will suit any need imaginable. Below are the characteristics of these three values.

DENSITY:

- Density measures foams longevity and quality.
- It is dictated by the size and thickness of the individual cells that make up the foam.
- Foams density is measured by how much one cubic foot of the material weighs. For example one cubic foot block of 3 lb. foam will weigh 3 lbs.
- The denser the foam, the higher the quality and the longer the foam will last.

FIRMNESS:

- Firmness measures the physical feel of foam and how it resists pressure.
- It is measured by seeing how much pressure, in pounds, it takes to compress a 15” by 15” by 4” sample of foam one inch with a 50 square inch circular indenter.
- The value of that amount is called an ILD.
- Firmer foam has a higher ILD while softer foam has a lower ILD.
- Most ILD values range from 8 to 70 but can go as high as 150.

FUTURE CELL HYBRID SEAT DECKING:

- A combination of technologies that is more than the sum of its parts, our Future Cell decking option offers the most comfort and the highest build quality available; An internal sprung foam with increased responsiveness, comfort, and durability.

CLEANING INFORMATION

DC	<ul style="list-style-type: none"> ■ Dry clean ONLY
S	<ul style="list-style-type: none"> ■ Spot clean only with a water-free cleaning solvent ■ Do not saturate or use water ■ When cleaning a spill, blot immediately to remove spilled material
W-S	<ul style="list-style-type: none"> ■ Spot Clean with upholstery shampoo, foam from a mild detergent, or a mild dry cleaning solvent ■ Do not saturate
W	<ul style="list-style-type: none"> ■ Spot clean only with a water based shampoo or foam upholstery cleaner ■ Do not oversaturate or use solvents to spot clean ■ Blot immediately to remove any spilled material
X	<ul style="list-style-type: none"> ■ Clean only by vacuuming or light brushing with a non-metallic stiff bristle brush ■ Do not use water or solvent based cleaner
Leather	<ul style="list-style-type: none"> ■ The most easy to care for material ■ Use normal dusting and occasional mild soap and damp cloth ■ Never wax, polish, or oil
Vinyls	<ul style="list-style-type: none"> ■ Make sure you protect vinyls from hair and body oils ■ Wash with warm water and mild soap
Crypton	<ul style="list-style-type: none"> ■ Crypton has special cleaning instructions ■ View www.cryptoncare.com for instructions
Flock Fabrics	<ul style="list-style-type: none"> ■ Spot clean only with a water based shampoo or foam upholstery cleaner ■ Do not over wet or use solvents to spot clean ■ Use cautious agitation or rubbing while fabric is damp as flock fabrics are sensitive to pile distortion and texture change with too much agitation ■ Use extreme caution if using a professional cleaning service ■ Allow to dry at least 24 hours before use after cleaning

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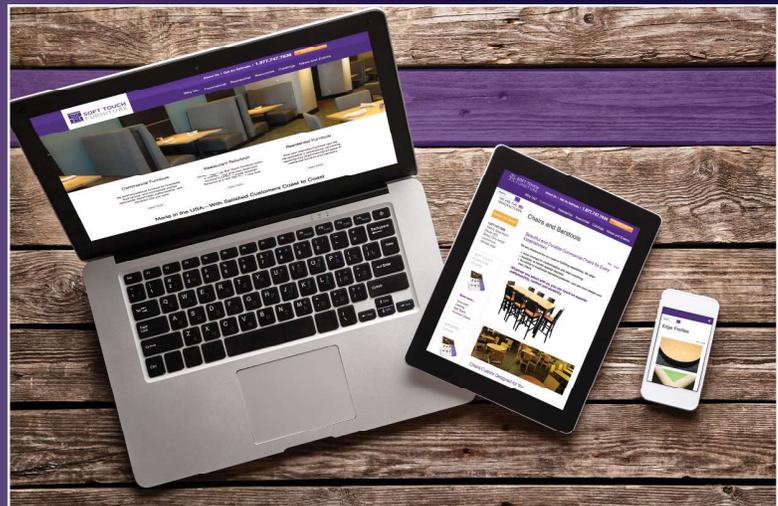
Tabletops and Bases

SOFT TOUCH FURNITURE

When you call Soft Touch Furniture, you talk with real people who are focused on your needs. Whether you own one establishment or are the buyer for a large chain, you can expect nothing less than our full attention and our very best work. And we will do it all at a price you will love. Yes, you can have it all! High quality does not have to break the bank. Get in touch with us today and prepare to be pleasantly surprised.

Soft Touch Furniture
1560 South State Street
Girard, OH 44420 USA

softtouchfurniture.com
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Email: info@softtouchfurniture.com



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us at 877.747.7638. We're glad to help!