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BASE SHOE GLASS RAILING SYSTEM MEASURING GUIDE

PREPARATION

While our Glass Railing System offers a good degree of adjustability, ordering the correct sizes is essential for a smooth and accurate installation. The drawings on the following pages will guide you in providing the necessary measurements. When it comes to your project, more information is always better—don't hesitate to include as many details as possible.

THE TOOLS YOU WILL NEED

GENERAL MEASURING RULES

1. **All measurements are assumed to be centerline**, unless noted otherwise

2. **The default wall-to-glass or end-of-span gap for this system** is **1"**. If you would like a different configuration—for example, if you want **the glass to finish flush with the end of a deck**—simply specify it to our technical sales team. Alternatively, you can update the default gap setting in our Interactive Railing Planner to match your requirement.

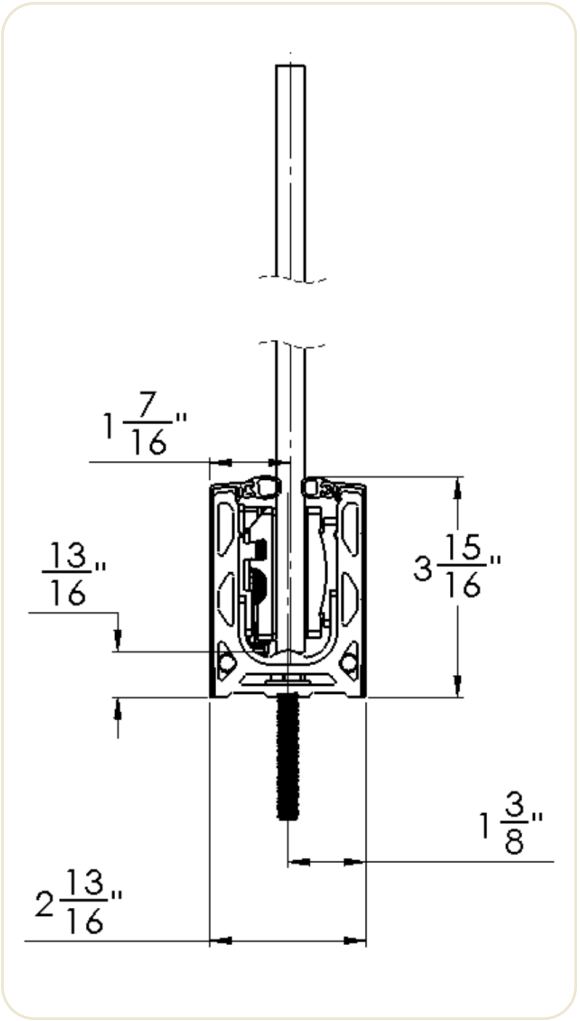
3. **For installations on wood surfaces**, ensure that the screw holes of the base shoe align with appropriate deck blocking. Install additional blocking where necessary to provide a solid and secure anchoring surface before fastening the base.

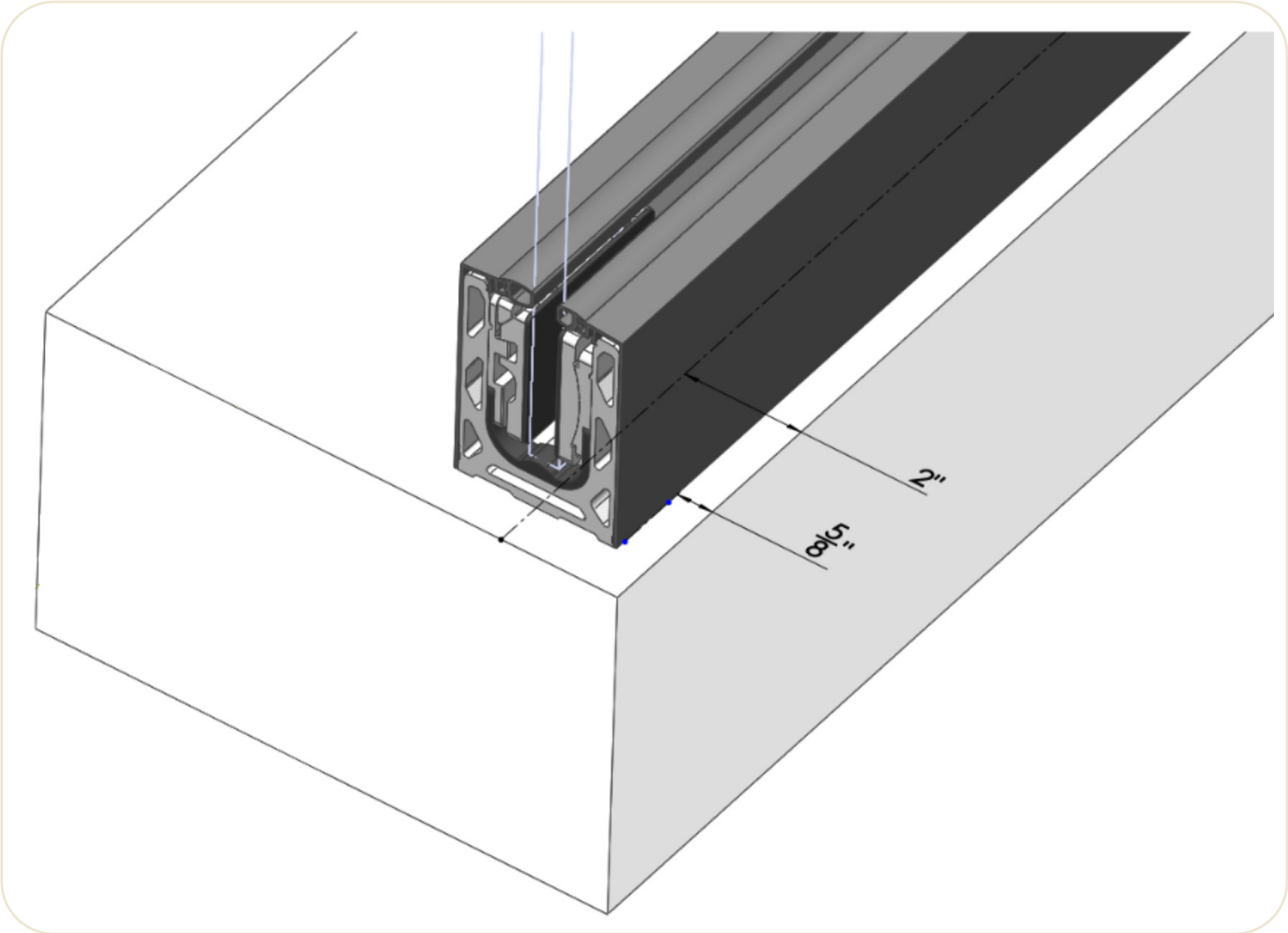
4. **How Accurate Do My Measurements Need to Be?**
While each section of the railing system can be adjusted during installation, providing accurate measurements is still important for the best fit. Longer railing spans offer more flexibility, while shorter spans have less room for adjustment.

   As a general guideline:
   - Span with 2 panes or less- within 1/2" accuracy
   - Span with 4 panes or less - within 3/4" accuracy
   - Span with 4 panes or more - within 1" accuracy

5. **For multiple-span installations**, it's important to identify the centerline of each section in order to specify accurate span length measurements.

6. **For installation on concrete surfaces**, we recommend positioning the base shoe anchoring holes at least 2" away from any slab edge. Allowing this minimum clearance means the centerline of your base—and therefore the centerline of the glass railing—will be positioned approximately 2" from the edge of the concrete.



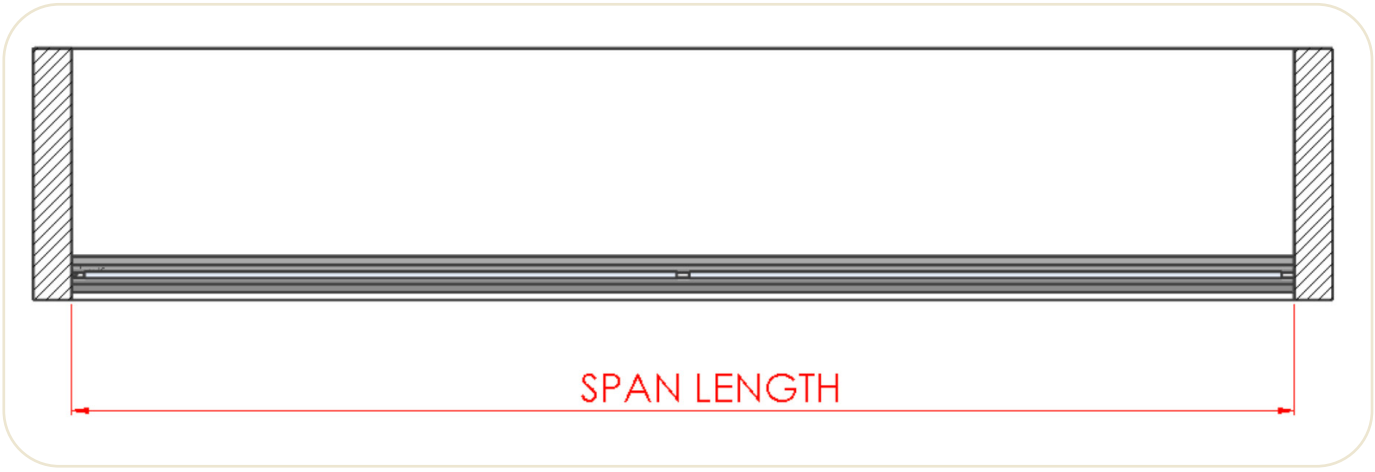


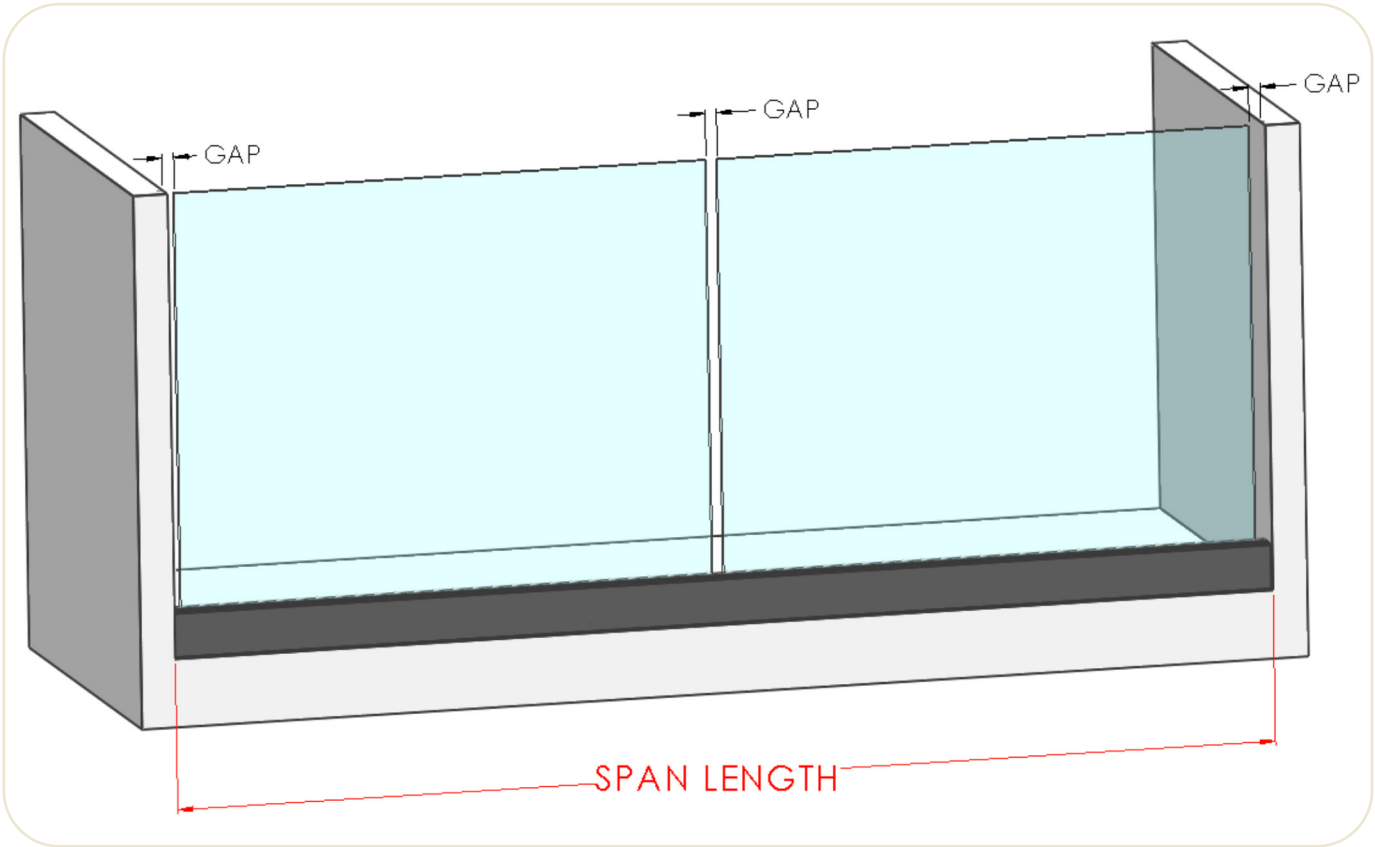
HOW TO MEASURE FOR INLINE RAILING SECTIONS

1 Determine Span Length

Specify the total span length. If your railing is installed between two walls or columns, please provide the exact wall-to-wall measurement.

Note: The default **wall-to-glass or end-of-span gap** is **1”**. If you would like a different configuration—for example, if you want **the glass to finish flush with the end of a deck**—simply specify it to our technical sales team. Alternatively, you can update the default gap setting in our Interactive Railing Planner to match your requirement.





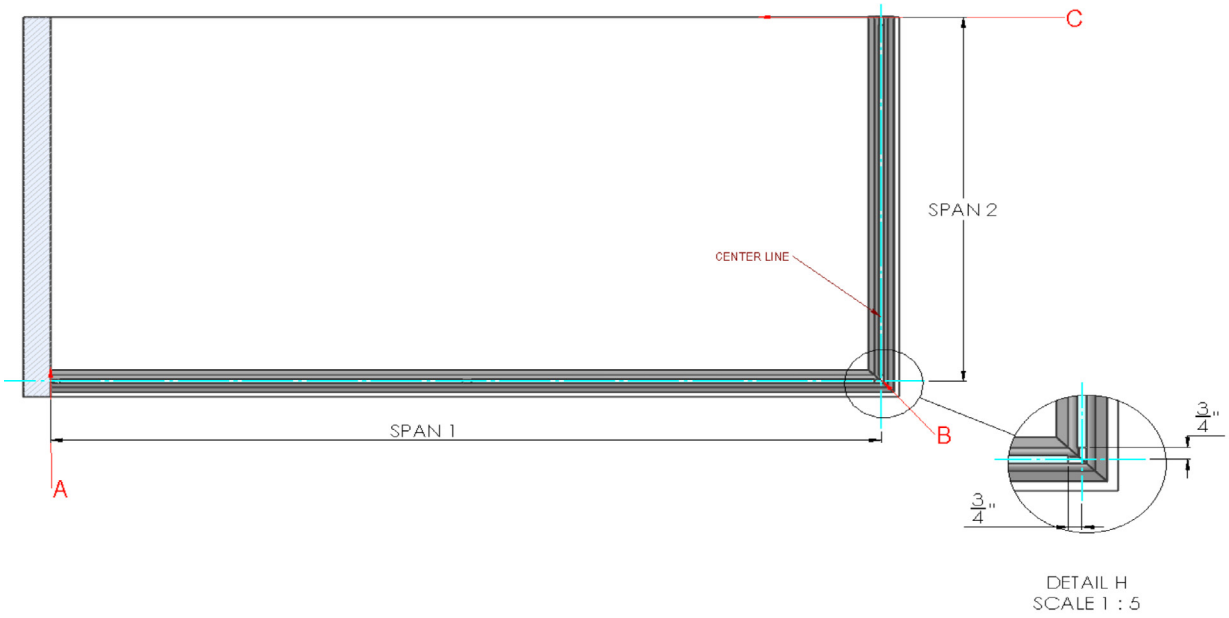
HOW TO MEASURE FOR L-SHAPED RAILING SECTIONS

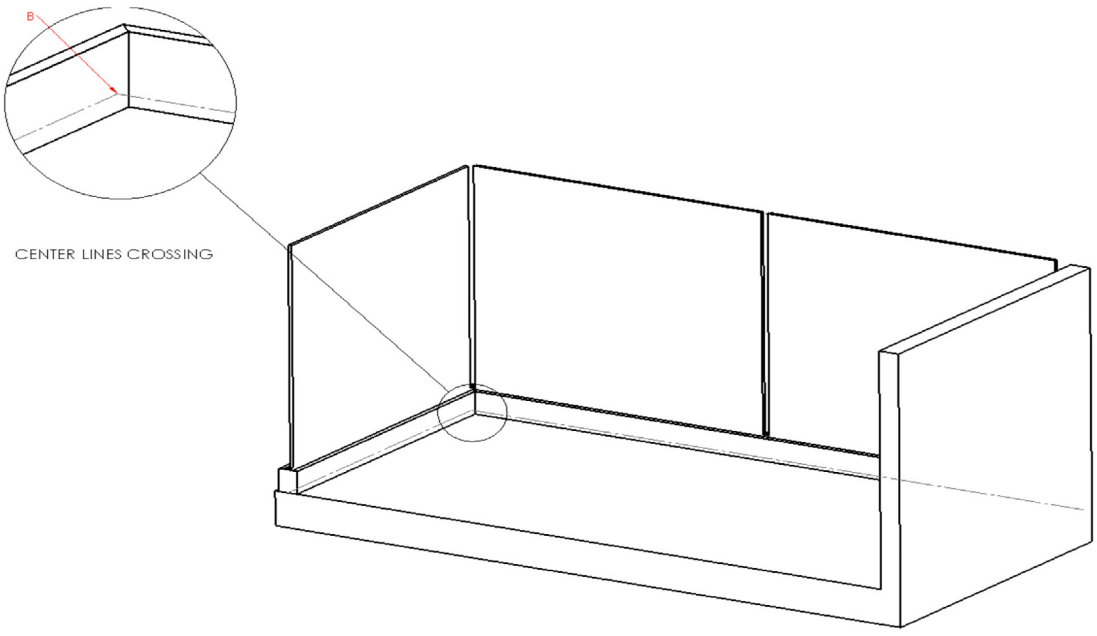
1 Determine the centerlines for both sides of the corner.

Span 1:
Measure from starting point (A) to the point of intersection (B).

Span 2:
Measure from point of intersection (B) to end point (C).

Note: The default **wall-to-glass or end-of-span gap** is **1”**. If you would like a different configuration—for example, if you want **the glass to finish flush with the end of a deck**—simply specify it to our technical sales team. Alternatively, you can update the default gap setting in our Interactive Railing Planner to match your requirement.





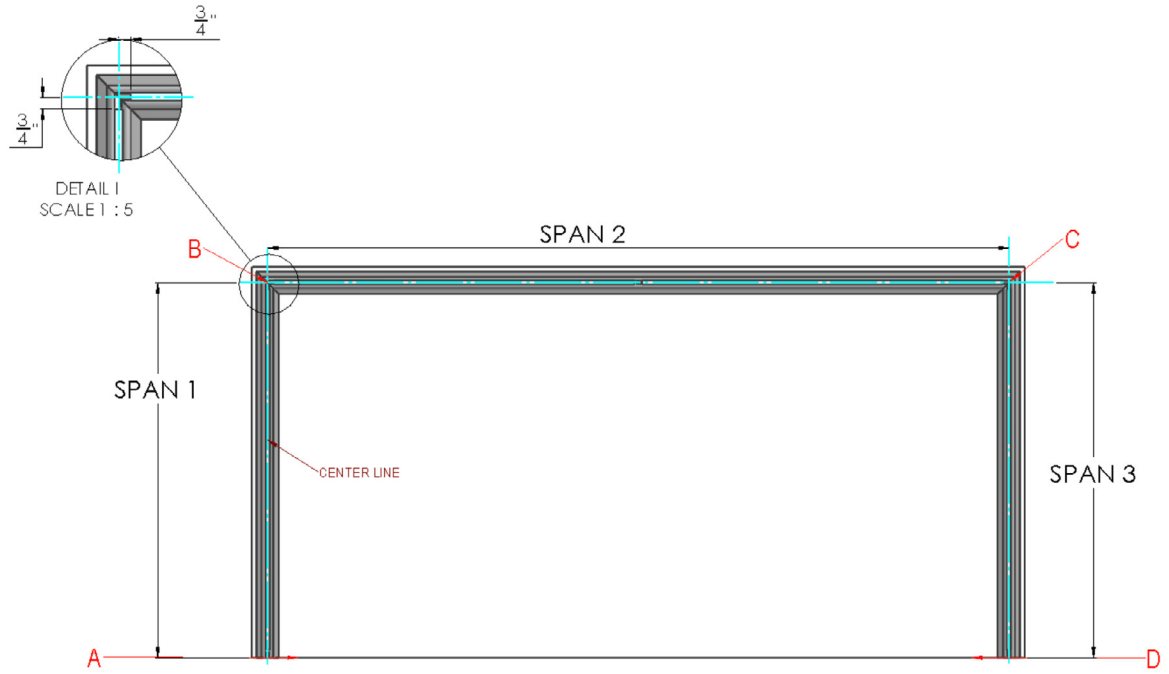
HOW TO MEASURE FOR U-SHAPED RAILING SECTIONS

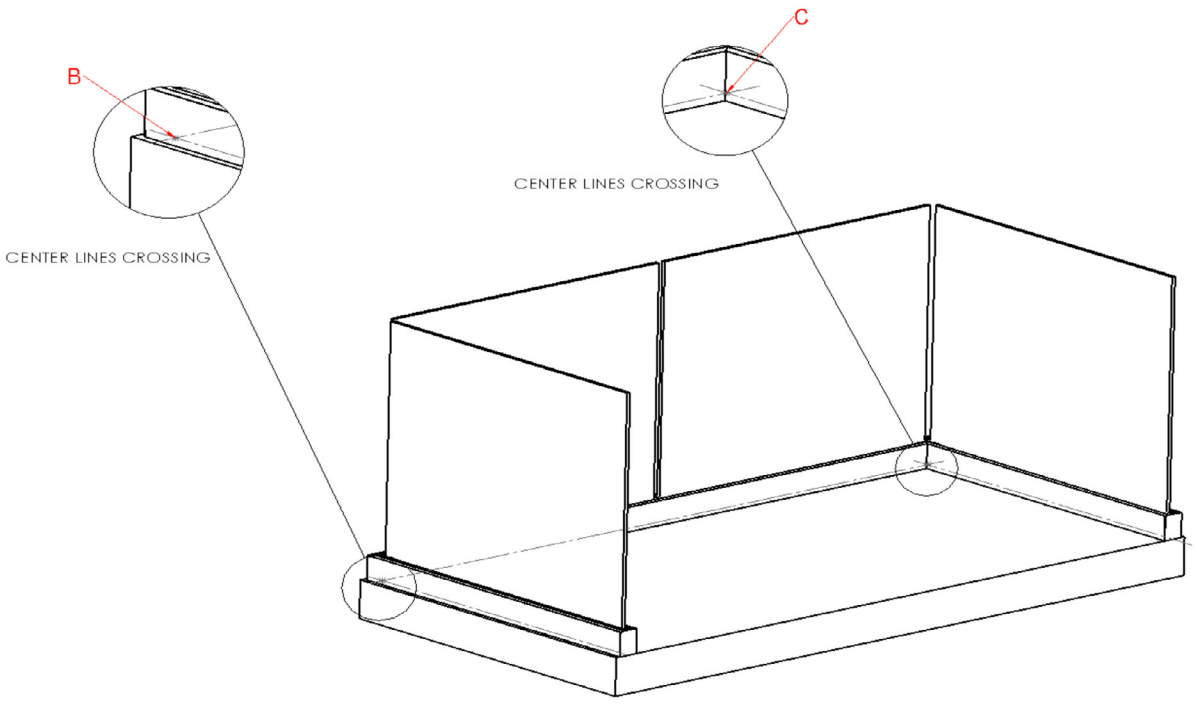
1 Determine the centerlines for all three spans

Span 1:
Measure from starting point (A) to the point of intersection (B).

Span 2:
Measure from point of intersection (B) to the point of intersection (C).

Span 2:
Measure from point of intersection (C) to the end point (D).





HOW TO MEASURE FOR MULTIPLE-SPAN RAILING SECTIONS

1 Determine the centerlines for all spans in your layout.

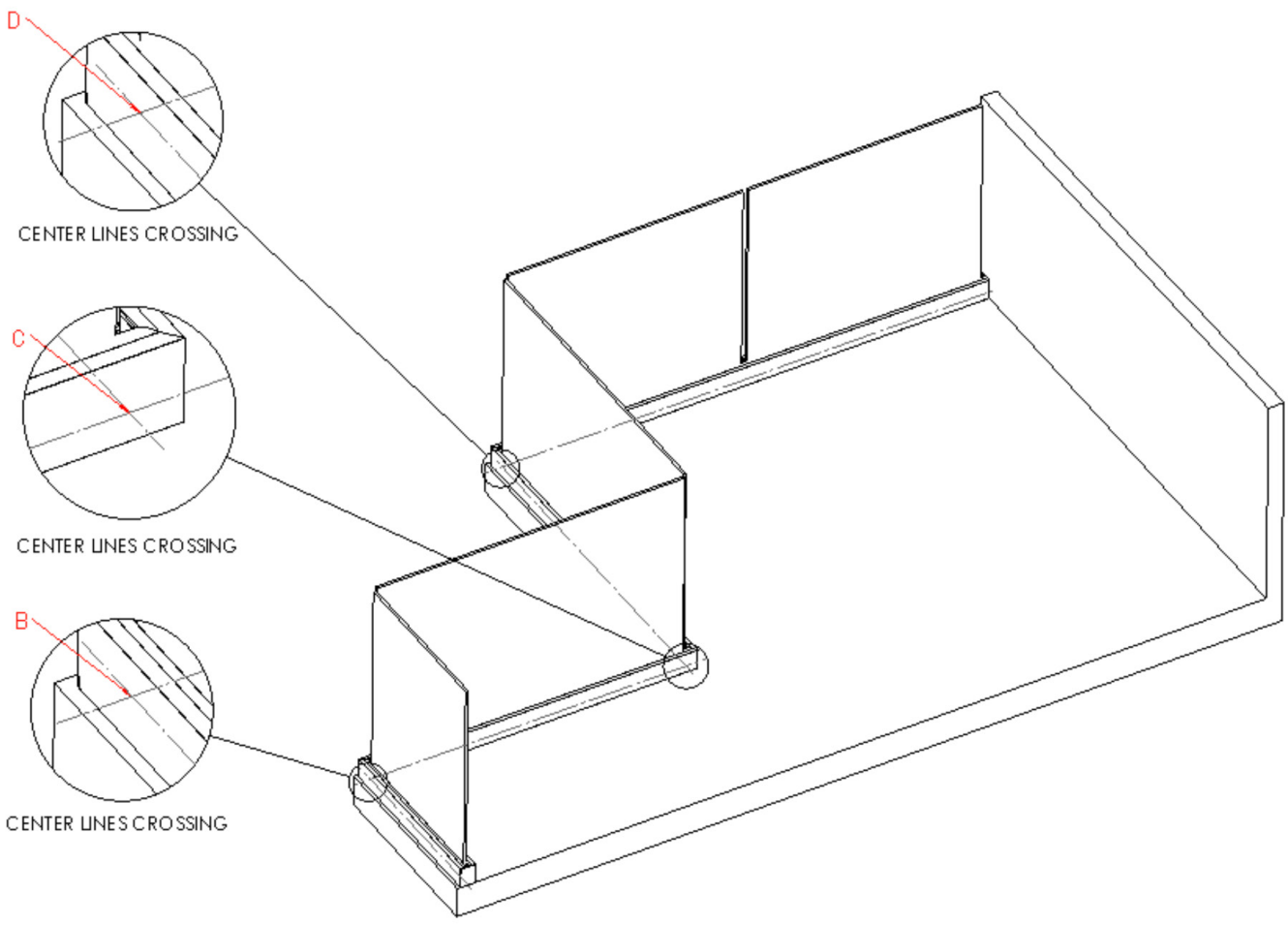
Span 1:
Measure from the starting point (A) to the first intersection point (B).

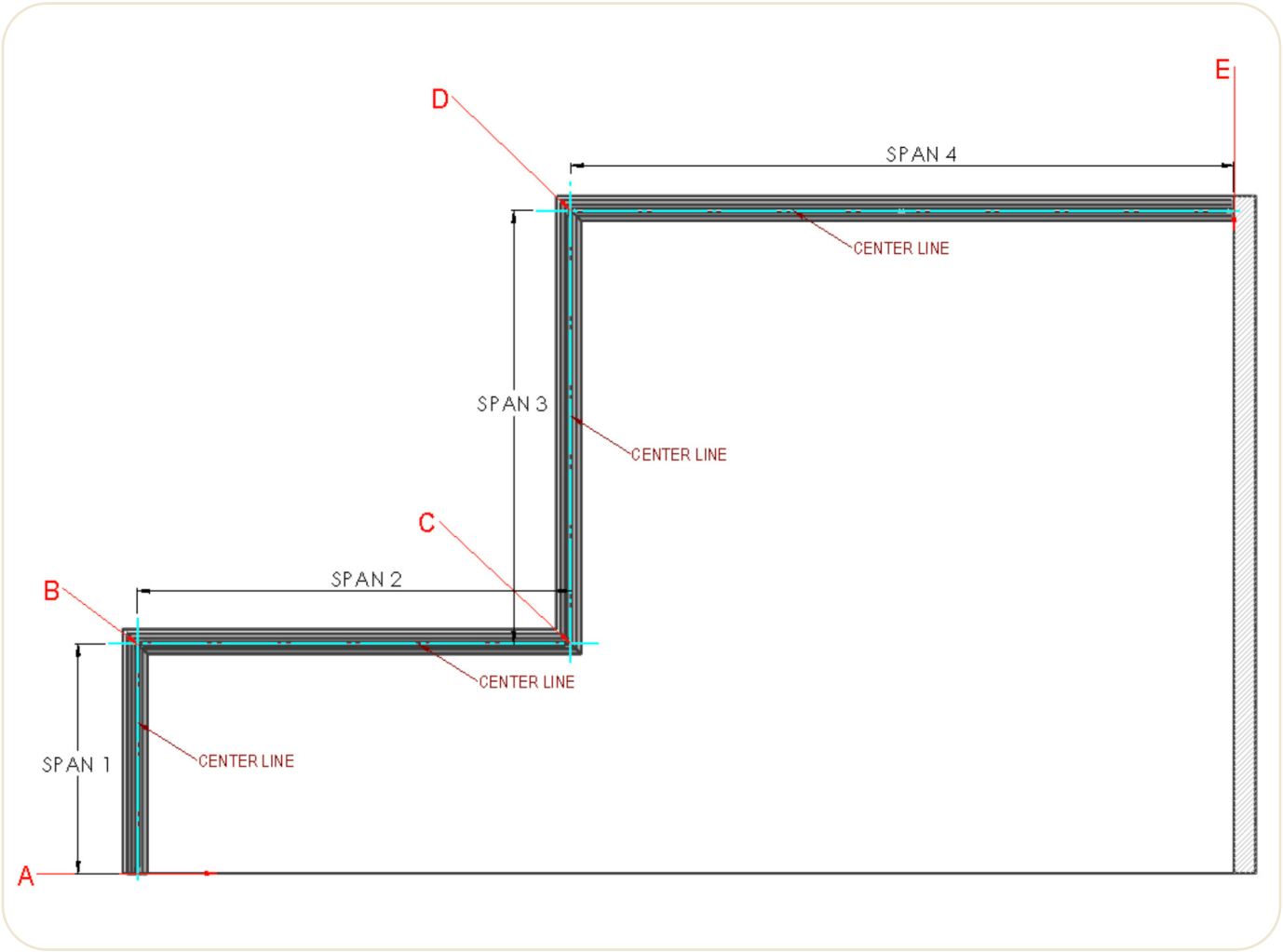
Span 2:
Measure from point (B) to the next intersection point (C).

Span 3:
Measure from point (C) to the next intersection point (D).

Span 4:
Measure from point (D) to the final end point (E).

Repeat as necessary to match the number of spans in your layout.





STAIRS MEASURING GUIDE

How to Measure for Stair Applications

Measuring stairs is straightforward if you follow the steps carefully. When measuring for a staircase application, please provide measurements accurate to within 1/16 of an inch.

Once we receive your measurements, our technical drawing team will verify all dimensions and customize the railing design and slope to fit your specific staircase layout. Shop drawings will be issued for your review and approval before production begins. This ensures every detail is confirmed and tailored to your specific layout.

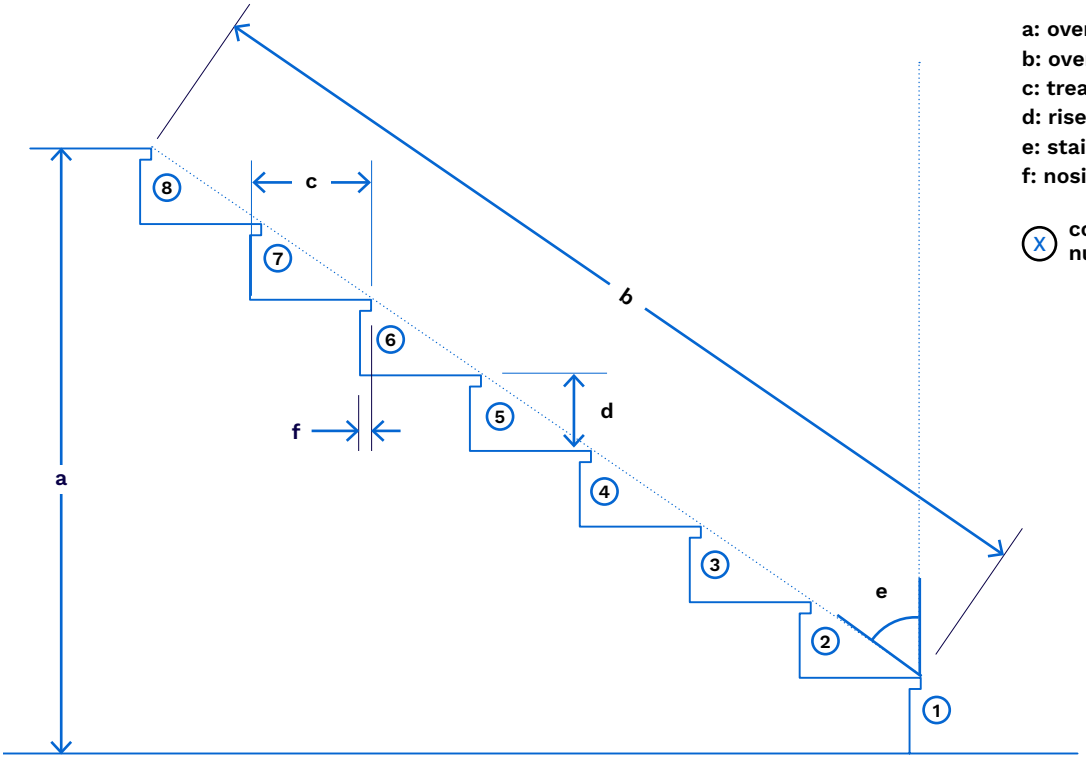
1. **How to Count Steps (X)**
   To determine the correct number of steps, count either the tread noses or the risers—both methods will give you the total step count

2. **Overall Stair Length (B)**
   To determine the overall length, measure the distance from the edge of the nosing on the first bottom tread to the edge of the nosing on the upper floor or landing. This value is essential for designing a properly fitting stair railing system.

3. **Tread Depth (C)**
   To obtain this measurement, measure the horizontal distance from the front edge to the back edge of one finished tread.

4. **Riser Height (D)**
   To obtain this measurement, measure the vertical distance from the top of one tread to the top of the next tread above it.

5. **Nosing Depth-Nosing Projection (F)**
   To measure the overhang, record the horizontal distance that the front edge of the tread extends beyond the face of the riser below it.



a: overall height
b: overall lenght
c: tread depth
d: riser height
e: stair angle
f: nosing depth

(X) counting the number of steps